

## UNIVERSITY OF DELHI

### 1. Amendments to Appendix II to Ordinance V (2) & VII relating to B.A. Programme (B.A. Examination) (Page 5 of the University Calendar, Volume II, 1989) (E.C.1.4.2005)

Add the following under B.A. Programme:

#### ECONOMICS

I Year	Principles of Microeconomics
II Year	Macroeconomics
III Year	Economic Development and Policy in India

#### MATHEMATICS

II Year	Geometry, Differential Equations and Algebra
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#### PSYCHOLOGY

I Year (Paper I)	Course 001	Orientation to Psychology
	Course 002	Practicum
Year II	Course 003	Social Psychology
	Course 004	Psychological Distress and Well Being
Year III	Course 005	Psychological Skills
	Course 006	Practicum

#### BUDDHIST STUDIES

III Year	Buddhist Culture and its Relevance in the Contemporary World
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#### LINGUISTICS

II Year	Course L001	Introductory Linguistics
	Course L002	Aspects of Language and Linguistic Behavior
III Year	Course L003	Issues In Linguistic Applications

### 2. Amendment to Appendix II to Ordinance V(2) & VII of the Ordinances of the University regarding revised Scheme of Examination relating to B.H.M.S, (effective from the academic session 2005-2006), (Pages 573 of the University Calendar, Volume II, 1989)/(E.C. 1.4.2005)

Replace the existing scheme of Examination with the following :

#### THE CURRICULUM AND SCHEME OF EXAMINATION FOR BHMS DEGREE COURSE

The curriculum and scheme of Examination is in accordance with Homoeopathy (degree) Course Regulations, 1983 (as amended upto September 2003) of Central Council of Homoeopathy.

Subjects for study and examination for the B.H.M.S. (Degree) Course shall be as under: -

1. Anatomy
2. Physiology including Biochemistry
3. Organon of Medicine, Principles of Homoeopathic Philosophy & Psychology
4. Homoeopathic Pharmacy
5. Homoeopathic Materia Medica & Therapeutics
6. Pathology & Microbiology
7. Forensic Medicine and Toxicology
8. Practice of Medicine
9. Surgery
10. Obstetrics and Gynecology
11. Community Medicine
12. Case Taking and Repertory

### **First BHMS Examination**

#### *Admission to examination, scheme of examination etc.:*

1. The student shall be admitted to the First BHMS Examination provided he/she has required attendance to the satisfaction of the head of the Homoeopathic Medical College.
2. The First BHMS examination shall be held at the end of 18<sup>th</sup> month of admission.
3. The minimum number of hours for lecture, demonstration/practical and seminar classes in the subjects shall be as under:

<i>Subject Demonstration</i>	<i>Theoretical Lecture</i>	<i>Practical/Tutorial Seminar</i>
(i) Organon of Medicine, Principles of Homoeopathy Philosophy & Psychology	150 Hrs. Including 40 Hrs. for Psychology	35 Hrs. including 10 Hrs. for Psychology
(ii) Anatomy, Histology and Embryology	250 Hrs.	325 Hrs.
(iii) Physiology including Biochemistry	250 Hrs.	325 Hrs.
(iv) Homeopathic Pharmacy	100 Hrs.	100 Hrs.
(v) Homoeopathic Meteria Medica	50 Hrs.	25 Hrs.

4. Examination in Organon of Medicine, Principles of Homoeopathic Philosophy and Psychology shall consist of one theory paper and one oral examination.
5. Examination in Anatomy including Histology and Embryology shall consist of two theory papers. Practical includes oral, identification of specimen and histology slides.
6. Examination in Physiology including Biochemistry shall consist of two theory papers and one practical including oral.
7. The examination in Homoeopathic Pharmacy shall consist of one theory and one practical including Oral.
8. The examination in Homoeopathic Materia Medica shall consist of one theory and one oral examination.
9. Full marks for each subject and the minimum number of marks required for passing First BHMS should be as follows:

<i>Subject</i>	<i>Written</i>		<i>Practical (including oral)</i>	
	<i>Full marks</i>	<i>Pass marks</i>	<i>Full marks</i>	<i>Pass marks</i>
Homoeopathic Pharmacy	100	50	100	50
Anatomy	200	100	200	100
Physiology including Biochemistry	200	100	200	100
Homoeopathic Materia Medica	100	50	50	25
Organon of Medicine, Principles of Homoeopathic Philosophy and Psychology	100	50	50	25

### **Second BHMS Examination**

1. No candidate shall be admitted to the Second BHMS Examination unless he has passed the First BHMS examination and he/she has required attendance to the satisfaction of the head of the Homoeopathic Medical College.
2. The Second BHMS examination shall be held at the end of 30<sup>th</sup> Month of admission to First BHMS.
3. The minimum number of hours for lecture, demonstration/practical and seminar classes in the subjects shall be as under:

<i>Subject Demonstration</i>	<i>Theoretical Lecture</i>	<i>Practical/ Tutorial Seminar</i>
(i) Pathology & Microbiology including Parasitology Bacteriology and Virology	200	70

(ii) Forensic Medicine & Toxicology	50	20
(iii) Organon of Medicine and Principles of Homoeopathy	125	
(iv) Homoeopathic Meteria Medica	75	75
(v) Surgery including ENT, Eye Dental and Homoeo Therapeutic	50 25	} 75 One term of three months in surgical ward and O.P.D. 75
(vi) Obstetrics & Gyanaecology Infant care and Homoeo therapeutics	75	
(vii) Practive of Medicine of Homoeo. Therapeutics	50 25	} 75 One Term of three months in OPD and IPD of different Medical Wards 75

4. Examinations in Pathology and Microbiology shall consist of one theory paper and one practical including oral. Identification of microscopic slides and specimens shall be a part of practical examination.
5. Examination in Forensic Medicine and Toxicology shall consist of one theory paper and one oral examination including identification and spotting of specimens.
6. Examination in Organon of Medicine, Principles of Homoeopathic Philosophy and Psychology shall consist of one theory paper and one oral examination.
7. Examination in Materia Medica shall consist of one theory paper and one practical including oral examination.
8. In order to pass the Second BHMS examination, a candidate has to pass all the subjects of the examination.

9. Full marks for each subject and the minimum marks required for pass are as follows:

<i>Subject</i>	<i>Written</i>		<i>Practical (including oral)</i>	
	<i>Full marks</i>	<i>Pass marks</i>	<i>Full marks</i>	<i>Pass marks</i>
Pathology & Microbiology Forensic	100	50	100	50
Medicine & Toxicology	100	50	100	50
Homoeopathic Materia Medica	100	50	100	50
Organon of Medicine	100	50	100	50

### **Third BHMS Examination**

1. No candidate shall be admitted to the Third BHMS examination unless he has passed the Second BHMS examination and he/she has required attendance to the satisfaction of the head of the Homoeopathic Medical College.
2. The Third BHMS examination shall be held at the end of 42<sup>nd</sup> month of admission to First BHMS.
3. The minimum number of hours for lecture, demonstration/practical, clinical and seminar classes in the subject shall be as under:

<i>Subject Demonstration</i>	<i>Theoretical Lecture</i>	<i>Practical/Tutorial Seminar</i>
(i) Practice of Medicine & Homoeo. Therapeutics	50 } 25 } 75	75 One term of 3 months each in OPD and IPD in diff. wards/ Deptt.
(ii) Surgery including ENT } Ophthalmology & dental } Homoeo & therapeutics	100 } 50 } 150	75 One term of 3 months each in Surgical ward and OPD
(iii) Obstetrics & Gynaecology infant care & Homoeo therapeutics	100 } 50 } 150	75 One term of 3 months in Gynae. Ward and OPD

- |                                  |     |    |
|----------------------------------|-----|----|
| (iv) Homoeopathic Materia Medica | 100 | 75 |
| (v) Organon of Medicine          | 100 | 75 |
4. Examination in Surgery shall consist of three theory papers and one practical examination. One theory paper shall be exclusively on Homoeo therapeutics. The Practical examination shall consist of clinical examination and oral. In the clinical examination the students shall be examined on his skill on the surgical instruments, bandages and general measures related to surgery, scope of Homoeopathic therapeutics and examination and diagnosis of surgical disease through clinical examination, X-ray and other common diagnostic techniques. The case studies reports of the students carried out during the course shall also be considered for the oral examination.
  5. Examination in Obstetrics & Gynaecology including infant care shall consist of three theory papers and one practical examination. One theory paper shall be exclusively on Homoeo therapeutics. The Practical examination shall consist of clinical examination and oral. In the clinical examination the students shall be examined on his skill on the specimens, models, instruments, and general appliances related to Obstetrics, scope of Homoeopathic therapeutics and examination and diagnosis of Gynaecological disease through clinical examination, X-ray and other common diagnostic techniques. The case studies reports of the students carried out during the course shall also be considered for the oral examination.
  6. Examination in Homoeopathic Materia Medica shall consist of one theory paper and one bedside practical examination. The bedside examination shall be on two acute cases with special reference to their nosological diagnosis and therapeutic diagnosis from Homoeopathic point of view.
  7. Examination in Organon of medicine shall consist of one theory paper and on oral examination.
  8. In order to pass the Third BHMS examination, candidates have to pass in all the subject of the examination.
  9. Full marks for each subject and the minimum marks required for pass are as follows:

<i>Subject</i>	<i>Written</i>		<i>Practical (including oral)</i>	
	<i>Full marks</i>	<i>Pass marks</i>	<i>Full marks</i>	<i>Pass marks</i>
Surgery including ENT Ophthalmology & dental Homoeo. Therapeutics	300	150	200	100
Obstetrics & Gynaecology Infant Care & Homoeo. Kherapeutics	300	150	200	100

Homoeopathic Materia Medica	100	50	100	50
Organon of Medicine	100	50	100	50

#### Fourth BHMS Examination

1. No candidate shall be admitted to the Fourth BHMS examination unless he has passed the third BHMS examination and he/she has required attendance to the satisfaction of the head of the Homoeopathic Medical College.
2. The Fourth BHMS examination shall be held at the end of 54<sup>th</sup> month of admission of First BHMS.
3. The minimum number of hours for lecture, demonstration/practical, seminar and clinical classes in the subjects shall be as under:

<i>Subject Demonstration</i>	<i>Theoretical Lecture</i>	<i>Practical/Tutorial Seminar</i>
(i) Practice of Medicine & Homoeo. Therapeutics	100 } 50 } 150	200 One term of 4 months in OPD & IPD in diff. wards/ Deptt.
(ii) Homoeopathic Materia Medica	100	75
(iii) Organon of Medicine	100	75
(iv) Repertory	125	150
(v) Community Medicine	100	100

4. Examination in Practice of Medicine including Pediatrics, Psychiatry and Dermatology shall consist of three theory papers and one bedside practical examination. One theory paper shall be exclusively on Homeo. therapeutics. The Practical examination shall consist of clinical examination and oral. In the clinical examination the students shall be examined on his skill on the nosological and therapeutic diagnosis, through clinical examination, X-ray and other common diagnostic techniques and detailed case takings on long and short cases. The case reports of the students carried out during the course shall also be considered for the oral examination.
5. Examination in Case taking and Repectory shall consist of one theory paper and one practical examination. The Practical examination shall consist of the Homoeopathic principles on case taking of one long case and one short case and the methods of arriving the reportorial totality, through case analysis and actual repertorisation. The skill of finding rubrics from Kent and Bonninghausan Repertories, the case reports of the students carried out during the course shall be considered for the oral examination.

6. Examination in Homoeopathic Materia Medica shall consist of two theory papers and one bedside practical examination. The bedside examination shall be one long case and one short case with special reference to their nosological diagnosis and therapeutic diagnosis from Homoeopathic point of view. The case reports of the students carried out during the course shall be considered for the oral examination.
7. Examination in Organon of Medicine and Principles of Homoeopathic Philosophy shall consist of two theory papers and one practical examination. The practical examination shall be on the Homoeopathic orientation of cases in relation to miasmatic diagnosis, general management, posology, second prescription etc.
8. The examination in Community Medicine including Health Education and Family Welfare shall consist of one theory paper and one oral examination.  
The oral examination shall be on spotting and identification of specimens and matters related to the community oriented problems.
9. In order to pass the Fourth BHMS examination, candidates have to pass in all the subjects of the examination.
- 10 Full marks for each subject and the minimum marks required for pass are as follows:

<i>Subject</i>	<i>Written</i>		<i>Practical (including oral)</i>	
	<i>Full marks</i>	<i>Pass marks</i>	<i>Full marks</i>	<i>Pass marks</i>
Practice of Medicine	300	150	200	100
Homoeopathic Materia Medica	200	100	200	100
Organon of Medicine	200	100	100	50
Case taking & Repertory	100	50	100	50
Community Medicine	100	50	100	50

3. **Amendment to Appendix II to Ordinance V(2) & VII of the Ordinances of the University regarding revised Scheme of Examination relating to BUMS, effective from the academic session 2005-2006, (Page 556 of the University Calendar, Volume II, 1989)/ (E.C. 1.4.2005)**

*Replace* the existing Scheme of Examination with the following :-

**BUMS course**

1. The duration of BUMS course shall be of 4 ½ Years followed by 12 months rotatory internship in a recognized Hospital/ Institution.
 

Ist Professional	18 Months
IInd Professional	18 Months



IIIrd Professional 18 Months  
IVth Professional 12 Months

- The curriculum of BUMS course from the Academic session – 2004 shall be as prescribed by CCIM vide its letter No. 11-8/2003-Unani (Regu-UG) dated 16<sup>th</sup> September 2003.
- No. of Lectures / Practicals/ Demonstrations for various subjects:

#### **First Professional BUMS Course**

<i>S. No.</i>	<i>Subjects</i>	<i>Lectures</i>	<i>Practicals/ Demonstrations</i>
1.	Tashreeh-ul-Badan (Anatomy)	300	200
2.	Afal-ul-Aza (Physiology)	300	150
3.	Umoor-e-Tabiya (Basic Principles)	150	50
4.	Mantiq, Falsafa & Haiyat (Logic, Philosophy & Analogy)	150	-
5.	Arabic	150	-
6.	Tarikh-e-Tibb (History of Medicine)	150	-

#### **Second Professional BUMS Course**

1.	Ilm-ul-Advia – I (Kulliyat & Mufradat) (Fundamentals of Unani Pharmacology, Single Drugs & Modern Medicines)	300	150
2.	Ilm-ul-Advia – II (Murakabbat & Saidala) (Compound Drugs & Pharmacy)	250	150
3.	Ilm-ul-Amraz & Sareeriyat (Pathology & Bedside Clinic)	250	150
4.	Ilm-ul-Samoom & Tibb-e-Qanoon (Medical Jurisprudence & Toxicology)	200	50
5.	Hifzan-e-Sehat, Tahfuzi & Samaji Tibb (Preventive & Social Medicine)	250	50

#### **Third/Final Professional BUMS Course**

1.	Moalijat-I (Unani Medicine)	250	150
2.	Moalijat-II (Unani Medicine)	250	150
3.	Jarahiyat (Surgery)	200	100

<i>S. No.</i>	<i>Subjects</i>	<i>Theory Papers</i>	<i>Marks</i>	<i>Practical/ Viva</i>
4.	Amraz-e-Ain, Uzn, Anaf, Halaq (Ophthalmology & ENT)		200	100
5.	Ilm-ul-Qabalah, Niswan-o-Atfal (Gynaecology, Obstetrics & Paediatrics)		300	100

#### **Attendance :**

Each candidate shall be required to attend not less than three fourth of the lectures delivered and practicals/demonstrations/ clinicals held in each subject, and each student also required to participate in educational trips/tours of college during the year, provided that the Principal of the College may exempt any student from such participation to the extent be deemed necessary on individual merit of each case.

#### **4. Scheme of Examination**

##### **First Professional**

1.	Tashreeh-ul-Badan (Anatomy)	Two (Paper-I, Paper-II)	100 100	One	100 100
2.	Afal-ul-Aza (Physiology)	Two (Paper-I, Paper-II)	100 100	One	100 100
3.	Umoor-e-Tabiya (Basic Principles)	One Paper	100	One	100
4.	Mantiq, Falsafa & Haiyat (Logic, Philosophy & Analogy)	One Paper	100	-	-
5.	Arabic	One Paper	100	-	-
6.	Tarikh-e-Tibb (History of Medicine)	One Paper	100	-	-

##### **Second Professional**

1.	Ilm-ul-Advia – I (Kulliyat & Mufradat) (Fundamentals of Unani Pharma- cology, Single Drugs & Modern Medicines)	Two (Paper-I, Paper-II)	100 100	One	100
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<i>S. No.</i>	<i>Subjects</i>	<i>Theory Papers</i>	<i>Marks</i>	<i>Practical/ Viva</i>	
2.	Ilm-ul-Advia – II (Murakabbat & Saidala) (Compound Drugs & Pharmacy)	Two (Paper-I, Paper-II)	100 100	One	100
3.	Ilm-ul-Amraz & Sareeriyat (Pathology & Bedside Clinic)	Two (Paper-I, Paper-II)	100 100	One	100
4.	Ilm-ul-Samoom & Tibb-e-Qanoon (Medical Jurisprudence & Toxicology)	Two (Paper-I, Paper-II)	100 100	One	100
5.	Hifzan-e-Sehat, Tahfuzi & Samaji Tibb (Preventive & Social Medicine)	Two (Paper-I, Paper-II)	100 100	One	100

### **Third / Final Professional**

1.	Moalijat-I (Unani Medicine)	Two (Paper-I, Paper-II)	100 100	One	100
2.	Moalijat-II (Unani Medicine)	Two (Paper-I, Paper-II)	100 100	One	100
3.	Jarahiyat (Surgery)	Two (Paper-I, Paper-II)	100 100	One	100
4.	Amraz-e-Ain, Uzn, Anaf, Halaq (Ophthalmology & ENT)	Two (Paper-I, Paper-II)	100 100	One	100
5.	Ilm-ul-Qabalah, Niswan-o-Atfal (Gynaecology, Obstetrics & Paediatrics)	Two (Paper-I, Paper-II)	100	One	100

**N.B.** Each paper shall be of 3 hrs duration.

**Note:** Distribution of subjects and papers in IIIrd Professional Exams.

Moalijat-I                      Paper-A will contain Hummiyat  
Paper-B will contain Amraz-e-Ras.

Moalijat-II	Paper-A will contain Amraz Sadra-o-Riya & Amraz-e-Amma. Paper-B will contain Amraz-e-Hazm upto Aza-e-Boul o-Taolid.
Jarahyiat	Paper-A will contain Jarahyiat-e-Amma (General Surgery) Paper-B will contain Jarahyiat-e-Makhsouna (Special Surgery)
Amraz-e-Ain Uzn, Anaf, Halaq	Paper-A will contain Amraz-e-Ain Paper-B will contain Amraz, Anaf, Uzn, Halaq Asnan (ENT)
Ilmul Qabalah & Amraz Niswan, Atfal	Paper-A will contain Ilmul Qabalah Paper-B will contain Amraz-e-Niswan-o-Atfal.

**Note:** The Students of IIIrd Professional will be posted for 9 months in Indoor & Outdoor of Moalijat department and will record at least 20 cases each in Moalijat I and II, respectively. They will be posted for 3 months in Jarahyiat department and will record 20 cases. Similarly they will be posted for 3 months in the department of Amraz-e-Ain, Uzn, Anaf, Halaq and will record 20 cases. In the department of Ilmul Qabalah, Niswan, Atfal they will be posted for three months and will record 20 cases.

#### **Internship:**

After passing the III Professional Examination each student shall be posted for rotatory internship in a recognized institution/hospital for 5 months in the department of Moalijat, 2 months in the department of Hifzan-e-Sehat, Tahaffuzi Samaji Tibb (SPM), 2 months in the department of Surgery, 1 month in the department of Amraz-e-Ain, Uzn, Halaq and 2 months in the department of Ilmul Qabalah, Niswan, Atfal.

#### **Appearance in Examination:**

- (i) First Professional Examination will be held at the end of the teaching & Practicals for 18 months.

The academic session of the First Professional will start from 1st day of July and end in December next year. The subsequent 1st Professional examination will be held every six months. Candidates shall be allowed 3 successive opportunities in order to pass the 1st Professional Examination.

However, a student failed in not more than 2 subjects of 1st Professional BUMS Exams may be allowed to keep term in 2<sup>nd</sup> Professional BUMS course. Provided he/she has passed all the subjects of 1st Professional BUMS course to be eligible to appear in the 2<sup>nd</sup> Prof. BUMS examinations. However, subsequent 1st Professional Examination will be held in every six months.

- (ii) A candidate who remains failed in one or two subjects in the examination shall be eligible to appear in that subject/subjects in subsequent first Professional Examinations.
- (iii) Candidates who fail to pass the Ist Professional Examination in three opportunities shall not be allowed to continue their studies. However, in case the personal illness of a serious nature of a candidate in unavoidable conditions/circumstances, the Vice-Chancellor of the University may permit one or more opportunities for passing the Ist Professional Course.  
  
A student of 2<sup>nd</sup> Prof. BUMS course who failed in not more than 2 subjects of 2<sup>nd</sup> BUMS course may be allowed to keep term in 3<sup>rd</sup> Professional Course.  
  
Provided he/she has passed all the subjects of 2<sup>nd</sup> Prof. BUMS course to be eligible to appear in the 3<sup>rd</sup> Prof. BUMS Examination. However, subsequent 2<sup>nd</sup> Professional Examination will be held in every six months.
- (iv) The 2<sup>nd</sup> Professional Examination will be held in the end of 3 years and shall start in January following the first Professional Examination. The examination shall be held ordinarily in April/ May of year after the complete of 3 years.
- (v) The final professional examination will be held after passing the 1<sup>st</sup> and 2<sup>nd</sup> Professional Examination at the end of 18 months 3<sup>rd</sup> Professional Course.
- (vi) If a candidate remains failed in one or more subjects in final Professional examination he/she shall be eligible to appear in those subjects in subsequent 3<sup>rd</sup> Professional examination which will be held every 6 months.

**Pass Marks:**

The pass marks shall be 50% in practical and theory separately 80% and above marks in a subject will indicate distinction in the subject.

**Classification of Results:**

The classification of division will be on the basis of aggregate of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> Professional Examination:

- 1<sup>st</sup> Division 75% or above in the aggregate
- 2<sup>nd</sup> Division 50% or above in the aggregate
- Distinction 80% or above in the subject.

**4. Amendment to Appendix II to Ordinance V(2) & VII of the Ordinances of the University regarding change of nomenclature of B.Sc. (Hons.) in Occupational Therapy (E.C. 1.4.2005)**

**Existing Provision:**

“B.Sc. (Hons.) Occupational Therapy”.

**Amendment Approved :**

“Bachelor of Occupational Therapy”.

- 5. Amendment to Appendix II to Ordinance V(2) & VII of the Ordinances of the University regarding change of nomenclature of “Post Graduate Diploma in Special Education (Cerebral Palsy & other Neurological Disabilities)”, (Page 298 of the University Calendar, Volume II, 1989)/(E.C. 1.4.2005)**

**Existing Provision :**

“Post Graduate Diploma in Special Education (Cerebral Palsy & other Neurological Disabilities)”

**Amendment Approved :**

“Post Graduate Diploma in Special Education (Multiple Disabilities: Physical and Neurological)”

- 6. Amendment to Appendix II to Ordinance V(2) & VII of the Ordinances of the University regarding Examination relating to M.B.B.S., (effective from the academic session 2005-2006), (Page 326 of the University Calendar, Volume II, 1989)/(E.C. 1.4.2005)**

**Existing Provision:**

7. B (ii) regular periodical examinations shall be conducted throughout the course. The question of number of examinations is left to the institution.

**Amendment Approved:**

- 7.B(ii)(a) The process of Internal Assessment shall be uniform for each subject in the matter of frequency, methodology of assessment, and declaration of result as decided by the Committee of Courses & Studies of the Department concerned.
- 7.B(ii)(b) The students should be informed well in advance about the time schedule of Internal Assessment and other conditions governing it.
- 7.B(ii)(c) The Departments should declare the result of Internal Assessment within prefixed period as decided by the Committee of Courses & Studies.
- 7.B(ii)(d) Students, appearing in supplementary examinations after failing in Annual Examinations, shall have another Internal Assessment before Supplementary Examinations. Greater of the two scores of Internal Assessments (1) Internal Assessment held before the Annual Examinations and (2) Internal Assessment held between Annual and Supplementary Examinations) would be taken into account for Supplementary Examinations.

7. **Amendment to Appendix II to Ordinance V(2) & VII of the Ordinances of the University regarding revised Scheme of Examination relating to M.A. in Political Science, (effective from the academic session 2005-2006), (Pages 88 to 90 of the University Calendar, Volume II, 1989)/(E.C. 1.4.2005)**

**M. A. POLITICAL SCIENCE**

**Existing Provision :**

Students will offer all four courses from one of the optional groups 13 to 17 (two courses per semester) as per annexure.

**Amendment Approved:**

Students may opt for 2 papers each from two streams (sets of courses) provided they do not take more than two papers in each semester.

Keep to the A/C and B/D pattern.

8. **Amendment to Appendix II to Ordinance V(2) & VII of the Ordinances of the University regarding Examination relating to M.S., M.D., D.M., M.CH (effective from the academic session 2005-2006), (Page 350 of the University Calendar, Volume II, 1989)/(E.C. 1.4.2005)**

**1. Existing Provision to Clause 16:**

- 16.1 The examinations ..... training period.
- 16.2 All P.G. Courses ..... 375 for practicals (300 for practical and 75 for internal assessment).

**Amendment Approved:**

- 16.1 The examinations shall be organized on the basis of grading system to evaluate and certify candidate's level of knowledge, skills, and competence at the end of the training. The examination for M.S., M.D., D.M., M.Ch. shall be held at the end of 3 academic years (six academic terms) and for diploma at the end of 2 academic years (four academic terms). An academic term shall mean six months training period.
- 16.2 Each component of the examinations shall be evaluated by the grading system and the result will be recorded and communicated in terms of 'pass or fail'. A student, in order to pass the examinations, must secure a minimum grade equivalent to not less than 50% marks in theory as well as in practical/clinical separately.

**2. The amendment to Clause 20.**

**Existing Provision to Clause 20:**

- 20.2.(iii) The Oral ..... viva voce examinations.

**Amendment Approved:**

20.2.(iii) The Oral examination shall be thorough and shall aim at assessing the candidate's knowledge and competence about the subject, investigative procedures, therapeutic technique and other aspects of the specially which form a part of the examination.

A candidate shall secure a minimum grade equivalent to not less than 50% marks separately in each head of passing i.e. (1) Theory Examinations, and (2) Practical/Clinical Examinations including oral examinations.

**3. Existing Provision to Clause 21:**

21.2 CLINICAL/PRACTICAL AND ORAL

Practical examination ..... viva voce examination.

**Amendment Approved:**

21.2. Practical examination shall consist of carrying out special investigative techniques for Diagnosis and Therapy. M.Ch. candidates shall also be examined in surgical procedures. Oral examination shall be comprehensive to test the candidate's overall knowledge of the subject.

A candidate shall secure a minimum grade equivalent to not less than 50% marks separately in each head of passing i.e. (1) Theory Examinations, and (2) Practical/Clinical Examinations including oral examinations.

**4. Existing Provision to Clause 22:**

22.2 CLINICAL AND ORAL

Clinical examination .....viva voce examination.

**Amendment Approved :**

22.2 CLINICAL AND ORAL

Clinical examination for the subjects in clinical sciences shall be conducted to test/aimed at assessing the knowledge and competence of the candidate for undertaking independent work as a specialist/teacher for which a candidate shall examine a minimum of one long case and two short cases.

The oral examination shall be thorough and shall aim at assessing the candidate's knowledge and competence about the subject, investigative procedure, therapeutic technique and other aspects of the speciality which shall form a part of the examination.

The candidate shall secure a minimum grade equivalent to not less than 50% marks separately in each head of passing i.e. (1) Theory examinations, and (2) Practical/Clinical examinations including oral examinations.



**Existing Provision to Clause 23:**

23. Replace the existing with the following Scheme of Examination :-

**Amendment Approved:**

- 23. Scheme of Examination for Post-Graduate and Post-Doctoral courses
- 23.1 Post-Graduate Degree courses and Post-Doctoral courses:
  - (i) There shall be four theory papers of three hours duration each.
  - (ii) Scheme of evaluation in practical examinations shall be determined by individual Committee of Courses and Studies. However, in clinical subjects there should be minimum of one long and two short cases besides other things.
- 23.2 Post-Graduate Diploma Courses
  - (i) There shall be three theory papers of three hours duration each.
  - (ii) Scheme of evaluation in practical examinations shall be determined by individual Committee of Courses and Studies. However, in clinical subjects there should be minimum of one long and two short cases besides other things.

**Existing Provision to Clause 9: -**

x x x x x x x x x

**9.11 A candidate ..... Research Studies.**

x x x x x x x x x

**9.16 The examiners ..... re-submitted once.**

**9.17 The reports ..... Academic Council**

**Amendment Approved:**

9.11 A candidate after completion of research shall submit the thesis to the University at any time during the second week and the last seven days of any month.

The Supervisor of the candidate shall, a month and a half in advance of submission of thesis, forward seven copies of abstract of the thesis including table of contents and a brief description of the topics discussed for consideration by the Committee of Courses and Studies, to the Head of the Department concerned, under intimation to the Controller of Examinations, University of Delhi, Delhi. The Head of the Department shall take immediate steps for convening a meeting of the Committee of Courses and Studies to consider appointment of examiners. The Supervisor/s of the thesis, as the

case may be, if he/she/they is/are not member/s of the Committee of Courses of Studies, shall be invited at the said meeting of the Committee of Courses and Studies for consultation to recommend a panel of at least six external examiners, out of which two examiners must be based in a country other than India, who shall be eminent scholars and specialists in the area to which the thesis relates. The recommendations of the Committee of Courses and Studies shall be reviewed by a Committee of the Board of Research Studies and the recommendation considered by the Academic Council. Three examiners, one of the examiners being based in a country other than India, out of the approved panel shall be appointed for each thesis.

Where a thesis is not submitted within the stipulated period as aforesaid, the Supervisor shall state the reasons for delay for consideration by the Board of Research Studies.

- 9.16 The thesis of the candidate must be accepted by all the three examiners, one of the examiners being based in a country other than India, and he/she must perform satisfactorily at the viva-voce, on issues connected with the thesis, conducted by a minimum of two examiners, before the candidate becomes eligible for award of the degree.

The examiners may seek clarifications about the thesis directly from the supervisor or Joint supervisors as the case may be. The examiners shall submit their report, after the examinations of the thesis, in the following terms. Accepted/To be resubmitted after suggested modifications/Rejected.

The reports of the examiners shall be sent by the Controller of Examinations to the Head of the Department concerned to prepare a summary of the reports and submit the same along with the original reports to the Vice-Chancellor.

When all the three examiners accept the thesis, candidate would be allowed to appear for viva-voce test. In the event of two of the examiners recommending acceptance of the thesis and the third examiner recommending rejection or resubmission after suggested modifications, the recommendations of the examiners shall be placed before a Committee of the Academic Council consisting of the Vice-Chancellor/Pro-Vice-Chancellor, the Chairman of Board of Research Studies for Medical Sciences, the Dean, Faculty of Medical Sciences, the Head of the Department concerned, the Supervisor/Joint-supervisor of the candidate concerned and one professor nominated by the Vice-Chancellor.

It shall be the function of the Committee to make a recommendation, after considering the report of the examiners, for referring the thesis to a fourth examiner based in India, or for acceptance or rejection of the thesis or for resubmission of the thesis after suggested modifications. In case, the committee recommends resubmission of the thesis after suggested modifications, the same need not be reported to the Academic Council.

The fourth examiner would be selected, if required, from the original panel of examiners, by the Vice-Chancellor. The fourth examiner would not be informed about the recommendations of the three other examiners. The report of the fourth examiner would be placed before the Committee of Academic Council for final decision.

The candidate would be provided the technical part of the report of the examiners in case the thesis is to be resubmitted after suggested modifications. The candidate, who is required to resubmit the thesis, must do so within one year from the date of supply of the comments of the examiners to him by the University, unless the Board of Research Studies specifically grants extension. A resubmitted thesis would be examined by the original board of examiners unless they or some of them are unable or unwilling to examine it. At the time of evaluation of resubmitted thesis, fourth examiner would substitute the examiner who has rejected thesis during initial evaluation. A thesis can be resubmitted only once.

9.17 Deleted (Provision contained in this clause has been covered under the amended clause 9.16)

7. **Existing Provision to Clause 10:**

10. VACATION/LEAVE

- (i) No vacations ..... students.
- (ii) The Postgraduate ..... student.
- (iii) Female ..... leave.

**Amendment Approved :**

10. VACATIONS/LEAVE

- 10.1 No vacation is permitted to any Postgraduate (PG) Degree (MD/MS), Diploma, or Post-Doctoral (DM,M.CH, Ph.D) Course student.
- 10.2 The students will get a total of 30 days leave during the 1<sup>st</sup> academic year, and 36 days leave during the 2<sup>nd</sup> and 3<sup>rd</sup> academic year respectively. The leave includes leave taken on any ground except maternity/ miscarriage/ abortion leave.
- 10.3 During pregnancy: 135 days maternity Leave are admissible only the candidates with less than two surviving children subject to the condition that the students will have to complete the required period of training before being allowed to appear in the examination.
- 10.4 During miscarriage/abortion (included or otherwise): total leave of 45 days are admissible during the entire course. However, any such leave taken prior to 16.06.1994 will not be taken into account for this limitation. Leave are admissible irrespective of number of surviving children. Application should be supported by a certificate from a Registered Medical Practitioner/

Authorized Medical Attendant subject to the condition that the students will have to complete the required period of training before being allowed to appear in the examination.

- 10.5 The leave remaining un-availed during a particular academic year would lapse at the end of the academic year, and will not be carried over to next year of the course. Leave/unauthorized absence, exceeding the duration of admissible leave for the year, will not be adjusted against leave due for subsequent years.
- 10.6 In case a student takes more leave than the prescribed leave, or remains absent from training without proper permission, he/she shall not be allowed to appear in the University examination until he/she completes the shortage of training, which may have occurred due to extra leave/unauthorized absence, by undergoing further training beyond the normal duration of the course. The student will not be entitled for any pay for this training period. Extra duties undertaken during the normal duration of the course would not compensate the shortage of training.
- 10.7 The conditions mentioned in clause 10.1 to 10.5 are to be fulfilled by all candidates independent of attendance requirement under clause 15.2.
- 10.8 The concerned Head of the institution should issue a notice to the student(s), who remains absent from training with out permission of competent authority (HOD/Head of the Institution) for a period exceeding 7 days. The name of any student, who remains absent from training with out proper permission of competent authority (HOD/ Head of the Institution) for a period exceeding 30 days, would be removed, on the advice of concerned Head of the Institution, from the rolls of the Institution and the University, and his/her registration for the course would be cancelled. Such student would not be allowed to join any other PG/ Post Doctoral course during the remaining duration of the course from which the registration has been cancelled.

**Existing Provision to Clause 17:**

17. THESIS
- 17.1 Every candidate..... of a Thesis.
- 17.2 Work for ..... examination.
- 17.3 There ..... Courses.
- 17.4 For three .....(i) (ii) examination.
- 17.5 Students .....(i) & (ii).
- 17.6 For Superspeciality ..... assessment.

**Amendment Approved :**

17. THESIS-Applicability and allocation of Supervisors
- 17.1 Every candidate pursuing Post Graduate Degree Course shall carry out work on an assigned research project, under guidance of recognized postgraduate

teacher(s), the result of which shall be written up and submitted in the form of a thesis. On acceptance of the thesis by the examiners, the candidate shall appear for the final examination. There shall be no thesis for Diploma Courses.

- 17.2 Work for writing the Thesis is aimed at contributing to the development of a spirit of enquiry, besides exposing the candidate to the techniques of research, critical analysis, acquaintance with the latest advances in medical sciences, and the manner of identifying and consulting available literature. Thesis shall be submitted as per the schedule decided by the Board of Research Studies and at least six months before the commencement of the final Theory and Clinical/Practical examinations.
- 17.3 It shall be optional for a Department conducting Post Doctoral (DM/M.CH) Courses to include thesis as a part of curriculum. In case the curriculum does not include thesis, it shall be mandatory for a student to publish two research papers, one in 'Journal indexed in MedLine' and another in 'Journal published by Indian National Academic Societies', in order to become eligible for appearing in the final theory and clinical/practical examinations. Letter of Acceptance for publication from Journal/Reprint/Photocopy of printed article would be accepted as proof of fulfilling the criteria. The Head of the Department and the Institution shall not recommend a student for appearing in the final examinations unless he/she has fulfilled this criterion.
- 17.4 The Head of the Department in institution shall appoint recognized P.G. teachers as supervisor/co-supervisor for thesis in such a manner that each recognized P.G. teacher gets equal opportunity to supervise thesis, under intimation to the Head of Institution along with a statement showing allocation of students to recognized P.G. teachers in the department for the preceding five years. The Head of Institution, on the violation of guideline, may reallocate the supervisor/ co-supervisor at his discretion.
- 17.5 Incorporation of recognized PG teachers as co-supervisor should be encouraged in the departments where the number of recognized PG teachers is more than the yearly uptake of PG students. However, the number of co-supervisors, including those from parent department, should not exceed three for any PG student. Before incorporating a PG teacher from department other than parent department as Co-Supervisor, the consent of the HOD of the PG teacher should be obtained.
- 17.6 In case a co-supervisor is required to be included, due the nature of the research, from a non-teaching department/institution, the Board of Research Studies may grant necessary permission, on recommendation of the PG Cell, for the person to be associated as co-supervisor in the particular thesis after considering the qualification, experience, and designation of the person.
- 17.7 In case, the supervisor leaves the institute before submission/acceptance of a thesis, co-supervisor or any other PG teacher from the parent department may be appointed as supervisor for getting the thesis completed by Head of Department of the Institution, under intimation to Faculty of Medical Sciences.

- 17.8 In case a P.G. student leave the course in between the supervisor concerned should be allotted a student next year on priority basis.
- 17.9 As per Medical Council of India mandatory requirements the teacher – P.G. student ratio of 1:1 including DNB students, if any, shall be maintained.

**Existing Provision to Clause 18:**

18. Guidelines for allotment of P.G. students among P.G. teachers as supervisors & co-supervisors :
- |                             |                    |
|-----------------------------|--------------------|
| 18.1 As per the .....       | Supervisors        |
| 18.2 In Departments .....   | student.           |
| 18.3 The allotment .....    | two years.         |
| 18.4 Freshly .....          | Postgraduate.      |
| 18.5 While appointing ..... | Equi-distribution. |
| 18.6 The Postgraduate ..... | avoided.           |
| 18.7 In case .....          | basis.             |
| 18.8 In case .....          | Medical College.   |

**Amendment Approved :**

- 18 THESIS- Time schedule, format etc.
- 18.1 The thesis work must be undertaken strictly, according to stipulated time frame as decided by the Board of Research Studies (BRS), to ensure proper scrutiny of the thesis-protocols, ample time to student for research, timely evaluation of thesis and scope for resubmission of thesis-protocol or thesis if required.
- 18.2 No extension of time shall ordinarily be granted for submitting the thesis-protocol/thesis beyond the last date stipulated for the purpose. The BRS may allow submission of the thesis-protocol/ thesis beyond the last date for genuine reasons on recommendations of Head of the institution. In case of such late submission, the student shall not be allowed to appear in the final examination at the end of normal duration of the course. He/ she may be allowed to appear in supplementary or subsequent examinations at least six months after submission of the thesis subject to approval of thesis, no relaxation will be granted in this regard.
- 18.3 The name of a student may be removed from the rolls and his/her registration for postgraduate course may be cancelled on the recommendations of BRS, if he/she fails to submit the thesis-protocol/thesis to the department within six months of the last date fixed for the purpose and his/her work or conduct is reported to be not satisfactory by the Supervisor/the Head of the department/ Head of the Institution. Such student shall be debarred from joining any other PG/Post Doctoral course for a period of five years from the date of cancellation of his/her registration.

#### 18.4 Thesis-protocol

While selecting a topic for research and designing the research project, among other things, the following aspect should be taken care of:

- (i) The feasibility of conducting the study within available resources and time frame.
- (ii) In case of interventional studies involving animal or human subjects, the projects and concerned departments should fulfill the ethical and other requirements necessary for human/animal experiments, and necessary approval should be obtained as required under rules and regulations in force.
- (iii) The project design should satisfy the statistical requirements in respect of sample size, and proposed analysis of data.
- (iv) It must be ensured that the same thesis topics are not repeated year after year. The thesis-protocol must accompany a disclosure/explanation if a similar study has been undertaken already under University of Delhi during last five years.
- (v) Thesis-protocol should be submitted in the following format:

Title Page	Page 1
Certificate from Institution	Page 2
Introduction/background including lacunae in existing knowledge	Page 3
Brief review of literature	Page 4-6
Objectives of research project	Page 7
Patients/Subjects/Materials and Methods including plan of statistical evaluation	Page 8-10
Index of references (Vancouver system of references)	Page 11-12
Appendix, if any (consent form, data sheet etc.)	

The thesis protocol must be presented and discussed in the meeting of the college department before it is finalized. Each protocol should be considered and approved by the PG Cell of the Institute before the protocol is submitted to Faculty of Medical Sciences. PG Cell should, among other things, ensure that the design of protocol fulfills the statistical requirements. The need for consideration of the protocol by Institutional Ethics

Committee must be considered. PG Cell must obtain clearance from the Institutional Ethics committee before giving approval in cases in which such clearance is needed.

One month before the last date of submission of thesis to Faculty, each institute should send a list of the thesis being processed by PG cell in the following format: SN, Institution, Department, Candidate, Supervisor, and Title; to facilitate appointment of examiners. An electronic copy of the list on a floppy/compact disc should be sent along with a printed copy.

The Head of the Institution, while forwarding the protocols to Faculty of Medical Sciences, should certify that the thesis protocol fulfills all the requirements stipulated by Faculty of medical Science, University of Delhi, and should identify the protocols which have been considered and approved by Institutional Ethics committee.

The protocols would be referred to the respective Head of the University Department for observations. In case the observations of the HOD are not received within stipulated time, approval of the HOD would be assumed. The protocols, marked by HOD, would be referred back to supervisor with approval of Chairman, Board of Research Study (BRS), through Head of the Institution, for suggested clarifications/ modifications within specified time frame. The thesis-protocols, revised thesis-protocols, comments of HOD(s), and related matters would be submitted to BRS for consideration and approval.

Any request by candidate for revision in the thesis-protocol approved by BRS should have recommendations of the institution and should be received in office of Faculty of

Medical Sciences within 2 months of BRS meeting in which protocol was approved. The Chairman BRS, in consultation with concerned HOD, would take a decision in the matter. In case of dispute, the Chairman may place the matter before an emergent meeting of BRS.

#### 18.5 **Thesis**

Four copies of the thesis should be submitted in the following general format. Title Page: **title page** should mention the topic of the thesis, Degree (with discipline) for which the thesis is being, submitted, name and educational qualifications of the candidate, supervisor and co-supervisor(s), name of the institution where the thesis has been undertaken, and duration of the course.

**Declaration by candidate:** The candidate must submit a declaration that the contents of the thesis have not been submitted earlier in candidature for any degree. The candidate should also give a written consent for permitting availability of the thesis for photocopying and there-library loan to other institutions.

**Certificate from Institution:** The thesis should be accompanied by a certificate issued by the Supervisor, and co-supervisor head of the department, and countersigned by the Head of the institution certifying



that the candidate has undertaken the thesis work in the department under the direct guidance of the supervisors and that the thesis fulfils all the requirements stipulated by Faculty of Medical Sciences, University of Delhi.

**Acknowledgements**

Presentation of thesis results to scientific forums and publications in scientific Journals, if any

Table of contents

Glossary of abbreviations

**Text of thesis:**

Introduction/background

Review of literature

Objectives of research

Patients/Subjects/Materials and Methods

Results

Discussion

Conclusions and recommendations

**Index of references:** Vancouver system of the reference Appendix

**Summary of the thesis:** Each copy of thesis should be accompanied by a summary of the thesis ordinarily not exceeding six pages.

The thesis should not exceed one hundred pages. The text of thesis should be printed in 12 point font size letters, on both side a A4 size paper in double space, with at least 2.5cm margin and justification on both sides. The spine of the thesis should show the short title of the thesis, the degree (with subject) for which the thesis is being submitted, and the duration of the Course.

18.6 Presentation/Publication of Thesis results

The students would be encouraged to present the results of their thesis to scientific forums and to public it in scientific journals.

**10. The Amendment to Clause 19:**

**Existing Provision:**

19. EXAMINATION OF THE THESIS

There shall be two external examiners and one referee to examine the thesis in case of a dispute.

**Amendment Approved:**

19. EXAMINATION OF THE THESIS

19.1 There shall be two external examiners and one referee to examine each thesis. The supervisors of the each thesis would jointly suggest names of 5 persons for inclusion in the panel of examiners/referee for the thesis to the

Committee of Courses and Studies (CCS). The CCS of each department should recommend name of the two examiners, one reserve examiner and one referee for thesis of each candidate before the last date of submission of theses. Three theses can be referred to a particular examiner/referee in a particular Academic year.

- 19.2 The examiners would be required to evaluate the thesis with help of prescribed structured evaluation protocol (Appendix-III) and grade each thesis in the following terms: Accepted/ To be resubmitted after modification as suggested/ or Rejected. Both the examiners should accept the thesis before the candidate is allowed to appear in the final examination. In case of rejection of the thesis by one of the two examiners, the thesis would be referred to the Referee.
- 19.3 Resubmitted thesis would be evaluated by the original set of examiners/referee except in case of their refusal to re-evaluate the thesis, or their non-availability. The referee would substitute the examiner, who has rejected the thesis, for evaluation of the resubmitted thesis in cases where one of the two examiners has rejected the thesis on initial evaluation. The thesis would be allowed to be resubmitted only once. A resubmitted thesis, if not accepted by both the examiners/referee, would be taken as 'Rejected'.

**(Appendix-III)**

***Confidential***

FACULTY OF MEDICAL SCIENCES  
UNIVERSITY OF DELHI

**Evaluation report of Thesis for MD/MS/Ph.D.**

Name of Course : \_\_\_\_\_

Title of the Thesis : \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Name of the Candidate : \_\_\_\_\_

Recommendation by the Examiner (Scheme of Evaluation of Thesis printed overleaf,  
Please mark against the appropriate column)

1. Thesis Accepted  Thesis Rejected  To be resubmitted   
after suggestion

2. Comments on thesis (including reason for Rejection/Suggestion for Modification (if applicable)).

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---

(Please use additional sheet(s), if necessary)

Date :

Signature of Examiner

Place :

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Address: \_\_\_\_\_

FACULTY OF MEDICAL SCIENCES  
UNIVERSITY OF DELHI

**Scheme of evaluation of Thesis**

<i>Title</i>		<i>Adequate</i>	<i>Marginal</i>	<i>Inadequate or not included</i>
<i>Section</i>				
Title	Appropriateness Clarity and brevity Focus on topic (does it raise interest in the reader)			
Introduction	Purpose of study Mention of lacunae in current Know- ledge Hypothesis, if any			
Review of Literature	Relevance Completeness Is it current and up-to-date			

Methods	<p>Mention of type of study (prospective, retrospective, controlled, double blind etc.)</p> <p>Detail of subjects and controls</p> <p>Detail of materials (apparatus), experimental design</p> <p>Procedure used for data collection (Questionnaire)</p> <p>Statistical methods employed, level of significance considered</p> <p>Statement of limitation</p> <p>Mention of ethical issue involved</p>
Observation & Result	<p>Logical Organization in readily identifiable section</p> <p>Correctness of data analysis</p> <p>Appropriate use of charts, tables, graphs, figures, etc.</p> <p>Statistical interpretation</p> <p>Objectivity of interpretation</p>
Discussion	<p>Relevance (within framework of study) and appropriateness for data</p> <p>Interpretation of implication of</p>

Result  
Resolution of  
contradictory  
Evidences  
Statement of  
limitation of  
interpretation  
(Mention of  
appropriate  
caution while  
stating inferences)  
Mention of  
unanswered  
Questions  
Mention of new  
questions raised

References

Appendices Whether all  
required annexures  
and Appendices  
are included,  
e.g. the clinical  
proforma, the  
questionnaire  
used etc.

Signature of Examiner

**11. The addition of a new Clause 28 after Clause 27.**

**Amendment Approved :-**

28: DISCIPLINE

28.1 The student shall submit himself/herself to the disciplinary jurisdiction of the Vice-Chancellor and the several authorities of the University who may be vested with the authority to exercise discipline under the Act, the Ordinance, and the Rules that have been framed by the University from time to time.

28.2 The Student would undergo the course on full-time basis, no private practice, part-time job, being permissible during the duration of the course.

28.3 University can remove the name of the student from the rolls in case his/her work or conduct is reported to be not satisfactory by the Supervisor/Head of the Department/Head of the Institution. An undertaking to this effect should be obtained from the student at the time of admission.

12. The amendment to Clause 25

25.2 Deleted

**25.3 This clause will be renumbered as 25.2**

**Note :** The following provision was incorporated as per the direction of the Hon'ble Supreme Court of India in Dr. Parag Gupta's case and was subject to further orders of the Hon'ble Supreme Court and now in view of the judgment of Hon'ble Supreme Court of India (CWP 417 of 2000 Magan Mehrotra & Ors. Vs. UOI & Ors. and University of Delhi), the provision has become obsolete and, therefore, to be deleted.

**Existing Provision:**

X X X X X X X X X

25.2 The candidate ..... Health Services.

**Note :** (i) The candidate ..... above.  
(ii) A candidate ..... (d) Driving License

**Amendment Approved:**

25.2 Deleted

**25.3 This clause will be renumbered as 25.2**

**9. Amendment to Appendix II to Ordinance V(2) & VII of the Ordinances of the University regarding Scheme of Examination relating to 3<sup>rd</sup> Professional of BAMS Course (effective from the academic session 2005-2006), (Page 350 of the University Calendar, Volume II, 1989)/ (E.C. 1.4.2005)**

**3<sup>rd</sup> Professional of BAMS Course**

**Existing Provision :**

Kaya Chikitsa :

Theory : 400 Marks  
Practical : 200 Marks

**Amendment Approved:**

<u>Part – A</u>	Theory :	Paper – I	200 Marks
		Paper – II	200 Marks
	Practical :		100 Marks
<u>Part – B</u>	Theory :	Paper – I	200 Marks
		Paper – II	200 Marks
	Practical :		100 Marks

- 10. Amendment to Appendix II to Ordinance V(2) & VII of the Ordinances of the University relating to B.A. (Honours) Programme Examination, (effective from the academic session 2005-2006), (Page 43 of the University Calendar, Volume II, 1989)/(E.C. 1.4.2005)**

*Add* the following as Sr. No. 6 Under B.A. (H) programme

**6. Pass Percentage & Promotion Rules**

The minimum marks required to pass the examination at the end of each year (Part-I examination, Part-II examination and Part-III examination) shall be 40% in aggregate as in the main discipline courses of the existing B.A. (Hons.) Programme. The promotion rules for the main discipline of B.A. (Hons.) shall be applicable to all concurrent credit courses. The minimum marks required to pass the qualifying language courses shall be 36%.

- 11. Amendment to Ordinance XXVIII on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 651 of the University Calendar, Volume I, 2004)/(E.C. 1.4.2005)**

*Replace* the existing with the following at Sl. No. 32.:

**“Ganga Sant Scholarship”**

**Clause - 1** “There shall be one Scholarship known as ‘Ganga Sant Scholarship of the Value of Rs. 175/- p.m. to be awarded out of the annual income accruing from the endowment fund of Rs. 50,000/- endowed by Sh. B.D. Manocha, C-79, South Extension, Part-II, New Delhi”

- 12. Amendment to Ordinance XXVIII on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 694 of the University Calendar, Volume I, 2004)/(E.C. 1.4.2005)**

*Replace* the existing with the following at Sl. No. 71.:

**“Smt. Ramti Devi Goel Memorial Scholarship”**

**Clause - 1** “There shall be a scholarship known ‘Smt Ramti Devi Goel Memorial Scholarship of the value of Rs. 200/- p.m. to be awarded out of the annual income accruing from the endowment fund of Rs. 50,000/- endowed by Dr. R.N. Goel, 301/206 Eric House 16<sup>th</sup> Road, Chembur, Mumbai-400071 in the memory of his mother Smt. Ramti Devi Goel”

- 13. Amendment to Ordinance XXVIII on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 659 of the University Calendar, Volume I, 2004)/(E.C. 1.4.2005)**

*Replace* the existing with the following at Sl. No. 38:

**“Vijay Kumar Chadha Memorial Scholarship”**

**Clause -1** “There shall be a scholarship known ‘Vijay Kumar Chadha Memorial Scholarship’ of the value of Rs. 100/- p.m. to be awarded out of the

annual income accruing from the endowment fund of Rs. 25,000/- received from Sh. D.N. Chadha of A-8, Rana Pratap Bagh, Delhi.”

**14. Amendment to Ordinance XXVIII on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 698 of the University Calendar, Volume I, 2004)/(E.C. 1.4.2005)**

*Replace* the existing with the following at Sl. No. 75:

**“Shri Jugal Kishore Jain & Smt. Kalawati Jain Memorial Book Grant”**

1. There shall be a one time Book Grant known as “Shri Jugal Kishore Jain & Smt. Kalawati Jain Memorial Book Grant “ of the value of Rs. 2,000/- to be awarded out of the annual income accruing from the endowment fund of Rs. 40,000/- endowed by Prof. A.C. Jain, 209 Vaishali, Pitampura Delhi – 110088 in the memory of his parents.
2. The book grant shall be awarded strictly merit to a student of M.Sc. Chemistry (Final) year class offering Organic Chemistry as a special subject who secures the highest marks in the first year of the M.Sc examination among the students opting for Organic Chemistry.
3. No student shall be eligible for the award of the Book grant if he or she is already in receipts of a scholarship awarded by the University of Delhi or any other University or Central or any State Government or a Private Body other than a freeship or financial aid.
4. In case the awardee under this endowment is awarded any other scholarship or gets financial aid from any other source, he/she shall be required to refund the amount received by him/her on this account from the date he/she was awarded any other scholarship or financial aid.
5. In case a scholar discontinues studies without valid reasons, he/she shall be required to refund the amount received by him/her on account of the Book Grant.
6. The payment of the Book-Grant amount shall be made to the scholar through the Head of the Department of Chemistry on presentation of a bill and a certificate to the effect that the awardee was not in receipt of any other scholarship/financial aid from any other source.
7. Any amount accruing as interest from the endowment and not spent shall be added to the corpus of the endowment fund.
8. A report of the award of Book-Grant shall be furnished to the donar or a legal heir. The order of legal heir is (i) Smt. Vijaya Jain (2) Sh. Vivek Jain (3) Shri Abhishek Jain.



**15. Amendment to Ordinance XXVIII (93) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 717 of University Calendar Vol.-I 2004)**

**“A.N. Ram Scholarship”**

*Replace* the existing with the following at Sl. No. 93.

**Amendment Approved:**

**Clause - 1** “There shall be one scholarship called ‘A.N. Ram Scholarship’ of the value of Rs. 750/- p.m. payable out of the interest accruing from the endowment of Rs. 1,80,000/- donated to the Delhi University, by Sh. A.N. Ram, D-73, IFS Apartments, Mayur Vihar, Phase-1, Delhi – 91.

**Clause - 2** One Scholarship shall be awarded in alternate years to a deserving and needy student of M.A. Economics Part-I for the duration of the course at Delhi School of Economics. The scholarship shall be renewable for the M.A. Economics Part-II programme on satisfactory performance of the awardee and on the recommendations of the Head of the Department of Economics, failing which the award will be transferred to M.A. Economics Part-I student of that year.

**16. Amendment to Ordinance XXVIII (50) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 673 of University Calendar Vol.-I 2004).**

*Replace* the existing with the following at Sl. No. 50.

**“Mrs. Raghbir Kaur Manocha Memorial Scholarship”**

**Amendment Approved :**

**Clause - 1** “There shall be a Post-Graduate Scholarship called “Mrs. Raghbir Kaur Manocha Memorial Scholarship” for M.A. (Final), in Geography payable out of the interest of an endowment of Rs. 1,20,000/- donated by Dr. B.S. Manocha, resident of 40-A, DDA Flats, New Friends Colony, New Delhi.

The value of the scholarship is Rs. 500/- p.m. instead of Rs. 175/- p.m. as mentioned in clause 2 of the ordinance XXVIII (50) at (page No. 673 of the (University Calendar Volume I 2004)

**17. Amendment to Ordinance XXVIII (72) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 695 of University Calendar Vol.-I 2004)**

**“Lala Bhagwan Dass Goel Memorial Scholarship”**

**Amendment Approved :**

**Clause - 1** “There shall be Scholarship known as “Lala Bhagwan Das Goel Scholarship” of the value of Rs. 200/- p.m. to be awarded out of the

annual income accruing from the endowment fund of Rs. 50,000/- endowed by Dr. R.N. Goel, 301/206, Eric House, 16<sup>th</sup> Road, Chembur, Mumbai, 400071 in the memory of his father Lala Bhagwan Das Goel.

**18. Amendment to Ordinance XXVIII (49) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 672 of University Calendar Vol.-I 2004)**

**“Pt. Udho Ram Rampal Charitable Trust Scholarship”**

**Amendment Approved :**

**Clause - 1** “There shall be one Scholarship known as “Pt. Udho Ram Rampal Charitable Trust Scholarship” of the value of Rs.100/-p.m. to be awarded after every third year out of the annual income accruing from the endowment fund of Rs.24,000/- donated by Sh. S.N. Ram Pal, Managing Trustee, Pt. Udho Ram Rampal Charitable Trust, No. 1. Sainik Farm, Khanpur, New Delhi-62”

**19. Amendment to Ordinance XXVIII (69) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 692 of University Calendar Vol.-I 2004)**

**“Mrs. Munan Kapoor Memorial Scholarship”**

**Amendment Approved:**

**Clause - 1** “There shall be a Post-Graduate Scholarship called Mrs. Munan Kapoor Memorial Scholarship” for M.Com. (Final) payable out of the interest of Rs.60,000/- donated by Prof. M.C. Kapoor, resident of 51, Vaishali, Pitam Pura, Delhi-88, in memory of his wife.

**20. Amendment to Ordinance XXVIII (76) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 699 of University Calendar Vol.-I 2004)**

**"Pradeep Gupta Memorial Scholarship in Economics"**

**Amendment Approved :**

**Clause - 1** There shall be one Scholarship known as the ‘Pradeep Gupta Memorial Scholarship in Economics’ of the value of Rs.400/- p.m. to be awarded out of the annual income accruing from the endowment fund of Rs.1,00,000/- endowed by Shri D.R. Gupta, M-132, Greater Kailash-II, New Delhi-48.

**Clause - 4** One Scholarship shall be awarded every alternate year and shall be tenable for the duration of the Course viz., two years subject to Clause 5 below.

**21. Amendment to Ordinance XXVIII (78) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 701 of University Calendar Vol.-I 2004)**

**“Sanjeev Kumar Singhal Memorial Scholarship”**

**Amendment Approved :**

**Clause - 1** There shall be two Scholarships known as the “Sanjeev Kumar Singhal Memorial Scholarship” to be awarded, each year, to the M.A./M.Sc. Statistics students of this University out of the annual income accruing from the Endowment Fund of Rs.1,20,000/- (One Lakh Twenty Thousands Only) given by his father Professor Kanwar Sen, Department of Statistics, Faculty of Mathematical Sciences, Delhi University, Delhi. Value of the Scholarship: Rs.250/- per month each.

**22. Amendment to Ordinance XXVIII (82) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 705 of University Calendar Vol.-I 2004)**

**“Dr. Ram Kishore Memorial Scholarship to the LL.B. Students”**

**Amendment Approved :**

**Clause - 1** There shall be one Scholarship known as the ‘Dr. Ram Kishore Memorial Scholarship’ of the value of Rs.300/-p.m. to be awarded to the LL.B. student of any law centre out of the annual income accruing from the endowment fund of Rs.75,000/- received from the Senior Advocate Shri Brijbans Kishore S/o Late Dr. Ram Kishore, (former Vice-Chancellor, University of Delhi, 1934-1938).

**23. Amendment to Ordinance XXVIII (24) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 643 of University Calendar Vol.-I 2004)**

**“Dr. V.K.R.V. Rao Endowment Scholarship”**

**Amendment Approved :**

**Clause - 1** There shall be one Scholarship called the ‘Dr. V.K.R.V. Rao Endowment Scholarship’ of the value of Rs.100/- p.m. payable out of the interest on the funds of Rs.24,600/- endowed by the family of the Late Dr. V.K.R.V. Rao and by some of his students, colleagues, friends and admirers, for the award to a deserving and needy student coming from the family of a Class IV or Class III Employee of the University, who after passing the Senior School Certificate (Class-12) Examination of the Central Board of Secondary Education, New Delhi or an Examination recognised as equivalent thereto, joins the 1<sup>st</sup> year of the 3-year degree course.

**24. Amendment to Ordinance XXVIII on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University after 98 (Page 723 of University Calendar Vol.-I 2004)**

Add the following under Scholarship at S.No. 99

**\*Reference : E.C. 242 dated 19.2.2000**

**“The Jean and Ashit Ganguly Education Scholarship”**

**Amendment Proposed :**

1. The donation will be placed in the name of “The Jean and Ashit Ganguly Education Fund” created for the purpose of award of scholarships for students of Delhi University.
2. The scholarship will be awarded out of the annual interest that accrues from the appropriate investment of the capital (Corpus). Any balance amount of the annual interest will be added up to the capital and the donor will decide on the increase in the number of fellowships at a future date.

**\*Amended Clause 3 Reference : E.C. 1.4.2005**

3. The total number of awards will consist of either one Ph.D. award every four years and one M.Sc. award every year for two years or alternatively if no award is made for Ph.D. then four M.Sc. awards every year for two years. These numbers may have to be adjusted depending upon the income that accrues on the endowment fund in a particular year. The Ph.D. awards and one M.Sc. award will be at the Dr. B.R. Ambedkar Centre for Biomedical Research and three M.Sc. awards, if they are made, will be at the Department of Chemistry of the University of Delhi. The sponsors may suggest a redistribution or an increase in number at any future date for implementation by the University.
4. The selection of the scholars should be based on academic merits, with an additional consideration of the financial needs of the students in the selection process.
5. The Selection Committee shall comprise of the following :

**IN CASE OF ACBR**

1. Director
2. Two Senior members of ACBR (to be nominated by the Director)
3. Nominee of the Donor

**IN CASE OF CHEMISTRY DEPARTMENT**

1. Head of the Department
2. Two senior members of the Department (to be nominated by the Head)
3. Nominee of the Donor.

6. As and when the CSIR revises the award amount for their awardees a revision may be made out of the 'Jean and Ashit Ganguly Education Scholarship' also to a parallel extent in order to retain meritorious students. The awardees will submit a half yearly report on his/her work for the concerned year to the heads of the respective institution for evaluation by an appropriate method.
7. A brief summary of the details of the annual awards be sent to the sponsors for their record.
8. Mrs. Jean Ganguly & Prof. Ashit Kumar Ganguly will administer the Jean & Ashit Ganguly Education Fund. At a future date their daughter, Ms. Nomita Ganguly ESQ will take their place and will be authorized to nominate any one of her choice to serve alongwith her. Prof. G.B. Venkata Subramanian of the Ambedkar Centre of Bio-Medical Research will be the representative of the donors. In future, if he is unable to serve, someone else will be selected by the donors to serve as their representative. In addition to the above, the Director of the Ambedkar Centre for Bio-Medical Research and the Head of the Department of Chemistry, Delhi University will also be associated to administer the fund.
9. The fellowship and the allowances for Ph.D. scholar will be on par with CSIR/UGC.
10. The contingency amount for the Ph.D. scholarship will be Rs. 25,000/- per annum.
11. For purpose of travel to attend seminars (including registration) an additional amount of Rs. 5,000/- as a maximum may be given per year, subject to the condition that the scholar will be nominated for only one conference in India per academic year.
12. The duration of fellowship for Ph.D. will be for a period of four years only or the date of award of the Ph.D. Degree whichever is earlier then after submission of thesis provided the Supervisor recommends such continuation until the viva-voce.
13. At the end of the second year the scholar may be promoted to the Senior Research Fellowship after due evaluation.
14. Regarding the M.Sc. Students the scholarship amount per month will be Rs. 1500/-. The student will also get an amount of Rs. 5,000/- per year for the purchase of necessary books.
15. The utilization Certificate of the account indicating the balance amount shall be sent to the sponsors at the end of each financial year at which time the sponsors may review the amount and number of the fellowships/ scholarships within the corpus and make any changes if they so desire. The sponsor may demand the Utilisation Certificate at the end of the financial

year. The fellowship will be effective from the date of registration for Ph.D. or the date of publication of the result of NET Exam. The date of joining or whichever is later.

16. (a) No student shall be eligible for the award of the scholarship if he/she already holds a scholarship awarded by Delhi University or any other University or the Central Government or any State Government or a Private Body other than freeship. In case a student who has been awarded this scholarship accepts any other scholarship/financial assistance from any other source, he/she shall be required to refund the amount received by him/her on this account.
  - (b) If it should appear at any time during the tenure of the Scholarship that the scholar has failed to make satisfactory progress or has been found guilty of gross misconduct or has been irregular in attendance, he/she shall after due warning, in writing, be reported by the Director/ Head of his/her institution to the Academic Council which may suspend or withdraw the scholarship.
17. Apart from the above, the terms and conditions of this fellowship/ scholarship will be same as applicable in the case of UGC/JRFs and this University in force from time to time as per annexure-I & II.

**25. Amendment to Ordinance XXVIII on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 757 of University Calendar Vol. I 2004).**

*Add* the following under Gold Medal S.No. 89

**Shri Madan Mohan Memorial Medal**

1. There shall be a Gold Medal known as the “Shri Madan Mohan Memorial Medal” to be awarded out of the annual income accruing from the endowment fund of Rs.1,00,000/- made by the Trustee, the Madan Mohan Sumitra and Lalit Mohan Trust, C-3/67, Lawrence Road, Delhi-110035.
2. The Medal shall be awarded each year to a candidate who secures the highest percentage of marks among the successful candidates at the M.C.A. Examination of the University.
3. The Medal shall be presented to the candidate at the Annual Convocation of the University.
4. In the event of no candidate being found eligible for the award (as defined in Clause (2) the income accruing from the endowment shall be added to the endowment Fund.

**26. Amendments to Appendix II to Ordinance V (2) & VII relating to B.A. Programme (Page 5 of the University Calendar, Volume II, 1989) (E.C.29.04.2005)**

Add the following :

**B.A. Programme Language Courses**

**ASSAMESE**

**B - COURSE:**

PAPER - I			Marks
Section A:	Skills of language use	:	40
Section B:	One modern prose text (Collection of five short stories)	:	35
PAPER - II	Study of literary texts	:	75

**C - COURSE:**

PAPER - I			
Section A:	Skills of language use	:	40
Section B:	About 100 pages from a travelogue	:	35
PAPER - II	Study of literary texts	:	75

**BENGALI**

**B - COURSE:**

PAPER-I (Compulsory language for student who have studied Bengali upto X class )

Section A:	Skills of language use	:	40
Section B:	One modern prose text (Collection of five short stories)	:	35
PAPER - II	Study of literary texts	:	75

**C - COURSE:**

PAPER - I (Compulsory language for student studied upto class VIII)

Section A:	Skills of language use	:	40
Section B:	About 100 pages from a travelogue	:	35
PAPER – II	Study of literary texts	:	75

## KANNADA

<b>B - COURSE:</b>		Marks
PAPER - I		75
Section A:	Skills of language use	40
Section B:	One modern prose text (Short Stories)	35
PAPER - II	Study of literary texts	75

## **C - COURSE:**

PAPER - I		75
Section A:	Skills of language use	40
Section B:	One Modern Prose Text (Travelogue)	35
PAPER - II	Study of literary texts	75

## ORIYA

### **B - COURSE:**

PAPER - I		
Section A:	Skills of language use	40
Section B:	One modern prose text	35
PAPER - II	Study of literary texts	75

### **C - COURSE:**

PAPER - I		
Section A:	Skills of language use	40
Section B:	About 100 pages from a travelogue	35
PAPER - II	Study of literary texts	75

## MANIPURI

### **B - COURSE:**

PAPER - I		
Section A:	Skills of language use	40
Section B:	One modern prose text (Collection of five short stories)	35



		Marks
PAPER - II	Study of literary texts	75
<b>C - COURSE:</b>		
PAPER - I		
Section A:	Skills of language use	40
Section B:	About 100 pages from a travelogue	35
PAPER - II	Study of literary texts	75

### **MARATHI**

<b>B - COURSE:</b>		
PAPER - I		
Section A:	Skills of language use	40
Section B:	One modern prose text	35
PAPER - II	Study of literary texts	75
<b>C - COURSE:</b>		
PAPER - I		
Section A:	Skills of language use	40
Section B:	About 100 pages from a travelogue	35
PAPER – II	Study of literary texts	75

### **SINDHI**

<b>B - COURSE:</b>		
PAPER - I		
Section A:	Skills of language use	40
Section B:	One modern prose text	35
PAPER – II	Study of literary texts	75
<b>C - COURSE:</b>		
PAPER - I		
Section A:	Skills of language use	40
Section B:	About 100 pages from a travelogue	35
PAPER - II	Study of literary texts	75

## TAMIL

**B-COURSE:** Marks

PAPER - I (For the students who have studied Tamil upto Xth Std.)

Section A:	Skills of language use	:	40
Section B:	One modern prose text	:	35

PAPER - II Study of literary texts : 75

**C - COURSE:**

PAPER - I (For the students who have studied Tamil upto VIIIth Std.)

Section A:	Skills of language use	:	40
Section B:	About 100 pages from a travelogue	:	35

PAPER - II Study of literary texts : 75

## TELUGU

**B - COURSE:**

PAPER - I

Section A:	Skills of language use	:	40
Section B:	One modern prose text	:	35

Paper - II Study of literary texts : 75

**C - COURSE:**

PAPER I

Section A:	Skills of language use	:	40
Section B:	About 100 pages from a travelogue (Collection of five short stories)	:	35

PAPER - II Study of literary texts : 75

**27. Amendments to Appendix II to Ordinance V (2) & VII relating to B.A (Hons.) Programme in Mathematical Sciences (Page 59 of the University Calendar, Volume II, 1989) (E.C.29.04.2005)**

*Add the following :*

PAPER - III	III year		
	Selected topics in Mathematics	:	100
	Examinations	:	75
	Internal Assessment	:	25

- Unit - I: Analysis (38 marks)  
 Unit - II: Computer Programming (13 marks)  
 Unit - III: Any one of the following:  
 Numerical Analysis/Discrete Mathematics/Mathematical  
 Statistics/Mechanics/Linear Programming and Theory of  
 Games (24 marks)

**28. Amendments to Appendix II to Ordinance V (2) & VII relating to B.Sc. (Hons.)  
 Mathematics (Page 143 of the University Calendar, Volume II, 1989)  
 (E.C.29.4.2005)**

Add the following :

**B.Sc. Programme in Physical Sciences/  
 Applied Physical Sciences**

**Mathematics I - MA 205**

<b>Total</b>	<b>100 Marks</b>
Examination	75 Marks
Internal Assessment	25 Marks

**Calculus and Geometry**

- Unit - I: Geometry of complex numbers and polynomial equations (10 marks)  
 Unit - II: Calculus (40 Marks)  
 Unit - III: Geometry and Vector Calculus (25 marks)

**Mathematics II - MA 206**

<b>Total</b>	<b>100 Marks</b>
Examination	75 Marks
Internal Assessment	25 Marks

**Algebra and Differential Equations**

- Unit - I: Groups, Rings and Vector spaces (40 marks)  
 Unit - II: Ordinary Differential equations (25 marks)  
 Unit - III: Partial Differential equations (10 marks)

**EL209/210 - Mathematics**

<b>Total</b>	<b>50 Marks</b>
Examination	38 Marks
Internal Assessment	12 Marks

## Computational and Discrete Mathematics

Unit - I:	Numerical Solutions of ODE (6 marks)
Unit - II:	Boolean Algebra (8 marks)
Unit - III:	Graph Theory (16 marks)
Unit - IV:	Introduction to Algorithms (8 marks)

## B.Sc. Programme in Life Sciences/ Applied Life Sciences

### EL 210/210 Mathematical Methods in Life Sciences

<b>Total</b>	<b>50 marks</b>
Examination	38marks
Internal Assessment	12 marks

Unit - I:	Mathematical Biology (10 marks)
Unit - II:	Statistical methods in Biology (20 marks)
Unit - III:	Discrete Models (8 marks)

### 29. Amendments to Appendix II to Ordinance V (2) & VII relating to B.Sc. Programme in Physical Sciences/Life Sciences/Applied Physical Sciences and Applied Life Sciences (Page 123 of the University Calendar, Volume II, 1989) (E.C.29.4.2005)

Add the following under B.Sc. Programme:

#### B.Sc. PROGRAMME

Every candidate shall be required to take an examination at the end of the I, II, III years respectively as per the schemes given below:

#### SCHEME OF EXAMINATION FOR B.Sc.

##### First Year

<i>Course Code</i>	<i>Course Title</i>	<i>Duration Hours</i>	<i>Max. Marks</i>
PH-101	Physics	3	100
PH-102	Physics Laboratory	5	50
CH-103	Chemistry	3	100
CH-104	Chemistry Laboratory	6	50
BY-105a	Biology	3	100
	(or)		
BY-105b	Biology for Physical Sciences		
BY-106a	Biology Laboratory	4	50
	(or)		
BY-106b	Laboratory: Biology for Physical Sciences		

MA-107a	Mathematics	3	100
	(or)		
MA-107b	Mathematics for Life Sciences		
IN-108	Laboratory: Electronics and Modern Instrumentation	4	50
IN-109	Laboratory: Analytical Techniques	4	50
CS-110	Laboratory: Computer Science and Informatics	4	50
ES-111	Environmental Studies	2	60
HU-112	Technical Writing and Communication in English	2	40

**Total Marks of I Year 800**

25% of the marks in each Theory paper will be reserved for internal assessment. 50% marks in Practical Papers will be reserved for internal assessment which will include marks for performance throughout the year, record book, and viva voce (20%+20%+10% respectively).

### II Year and III Year

In the II Year every student shall opt for three Science domain courses, each domain consisting of 2 Theory papers and a Laboratory (if required). The total marks for each domain will be 300. In addition every student shall opt for either an elective course or a project of 50 marks.

In the III Year, the student shall continue with the same domains which he had opted in the II year; the overall distribution of marks shall be as follows:

<i>Course Code</i>	<i>Course Title</i>	<i>Duration (Hours)</i>	<i>Max. Marks</i>
D1.201/301	Science Domain (1) I	3	100
DI.202/302	Science Domain (1)II	3	100
D2.203/303	Science Domain (2) I	3	100
D2.204/304	Science Domain (2) II	3	100
D3.205/305	Science Domain (3) I	3	100*
D3.206/306	Science Domain (3)II	3	100*
D1.207/307	Laboratory-I -Science Domain(1)	3 to 6**	100
D2.208/308	Laboratory-II -Science Domain(2)	3 to 5**	100
D3.209/309	Laboratory-III- Science Domain(3)	3 to 6**	100
EL.210/310	Elective/ Project	2	50

**Total Marks-II/III Year 950**

\*In courses, where there is no laboratory, theory papers shall be of 150 marks. Similar distribution of marks will be there for III year. \*\* Practical Examinations in

Chemistry/Analytical Chemistry/Industrial Chemistry shall be of 6 hours duration; in Physics of 5 hours duration, and in all other subjects of 3 to 4 hours duration.

The following combinations will be available:

**A B.Sc. Physical Sciences :**

1. Physics, Chemistry and Mathematics

**B. B.Sc. Life Science :**

1. Chemistry, Botany and Zoology

**C. B.Sc. Applied Physical Sciences :**

1. Physics, Mathematics and Computer Science
2. Physics, Mathematics and Electronics
3. Physics, Mathematics and Statistics
4. Physics, Mathematics and Operational Research
5. Chemistry, Industrial Chemistry and Mathophysics
6. Chemistry, Analytical Chemistry and Mathophysics

**D. B.Sc. Applied Life Sciences :**

1. Chemistry, Biology and Environmental Science
2. Chemistry, Biology and Agrochemicals & Pest Management
3. Chemistry, Biology and Sericulture
4. Chemistry, Biology and Mathophysics

The scheme of Examination for different Science domains shall be as follows:

**CHEMISTRY**

**II Year Examination :**

<i>Course Code</i>	<i>Course Title</i>	<i>Duration (Hours)</i>	<i>Max. Marks</i>
CH . 201	Chemistry-1	3	100
CH . 202	Chemistry-2	3	100
CH . 203	Chemistry Laboratory-1	6	100

**III Year Examination :**

CH . 301	Chemistry-3	3	100
CH . 302	Chemistry-4	3	100
CH . 303	Chemistry Laboratory-2	6	100

## PHYSICS

### II Year Examination :

<i>Course Code</i>	<i>Course Title</i>	<i>Duration (Hours)</i>	<i>Max. Marks</i>
PH . 201	Physics-1	3	100
PH . 202	Physics -2	3	100
PH . 203	Physics Laboratory-1	6	100

### III Year Examination :

PH . 301	Physics-1	3	100
PH . 302	Physics -2	3	100
PH . 303	Physics Laboratory-2	6	100

## MATHEMATICS

### II Year Examination :

MA . 201	Mathematics-1	3	150*
MA . 202	Mathematics-2	3	150*

### III Year Examination :

MA . 301	Mathematics-3	3	150*
MA . 302	Mathematics-4	3	150*

\* In case, Laboratory course is introduced by the Faculty of Mathematics, the theory papers shall be of 100 marks each, and the Practical Examination shall be of 100 marks.

## BOTANY AND ZOOLOGY (LIFE SCIENCES I AND II)

### II Year Examination :

LS . 201	Life Sciences-1	3	100
LS . 202	Life Sciences-2	3	100
LS . 203	Life Sciences-3	3	100
LS . 204	Life Sciences-4	3	100
LS . 205	Life Sciences Laboratory-1	4	100
LS . 206	Life Sciences Laboratory-2	4	100

### III Year Examination :

LS . 301	Life Sciences-5	3	100
LS . 302	Life Sciences-6	3	100
LS . 303	Life Sciences-7	3	100
LS . 304	Life Sciences-8	3	100
LS . 305	Life Sciences Laboratory-3	4	100
LS . 306	Life Sciences Laboratory-4	4	100

## COMPUTER SCIENCE

### II Year Examination :

<i>Course Code</i>	<i>Course Title</i>	<i>Duration (Hours)</i>	<i>Max. Marks</i>
CS . 201	Computer Science-1	3	100
CS . 202	Computer Science -2	3	100
CS . 203	Computer Science Laboratory -1	4	100

### III Year Examination :

CS . 301	Computer Science-3	3	100
CS . 302	Computer Science -4	3	100
CS . 303	Computer Science Laboratory -2	4	100

## OPERATIONAL RESEARCH

### II Year Examination :

OR . 201	Operational Research-1	3	150*
OR . 202	Operational Research -2	3	150*

### III Year Examination :

OR . 301	Operational Research-3	3	150*
OR . 302	Operational Research -4	3	150*

\* In case, Laboratory course is introduced by the Faculty of Mathematics, the theory papers shall be of 100 marks each, and the Practical Examination shall be of 100 marks.

## ELECTRONICS

### II Year Examination :

EL . 201	Electronics-1	3	100
EL . 202	Electronics -2	3	100
EL . 203	Electronics Laboratory -1	4	100

### III Year Examination :

EL . 301	Electronics-3	3	100
EL . 302	Electronics -4	3	100
EL . 303	Electronics Laboratory -2	4	100



## INDUSTRIAL CHEMISTRY

### II Year Examination :

<i>Course Code</i>	<i>Course Title</i>	<i>Duration (Hours)</i>	<i>Max. Marks</i>
IC . 201	Industrial Chemistry-1	3	100
IC . 202	Industrial Chemistry -2	3	100
IC . 203	Industrial Chemistry Laboratory -1	6	100

### III Year Examination :

IC.301	Industrial Chemistry-3	3	100
IC.302	Industrial Chemistry-4	3	100
IC.303	Industrial Chemistry Laboratory-2	6	100

## ANALYTICAL CHEMISTRY

### II Year Examination :

AC . 201	Analytical Chemistry-1	3	100
AC . 202	Analytical Chemistry -2	3	100
AC . 203	Analytical Chemistry Laboratory -1	6	100

### III Year Examination :

AC . 301	Analytical Chemistry-3	3	100
AC . 302	Analytical Chemistry -4	3	100
AC . 303	Analytical Chemistry Laboratory -2	6	100

## ENVIRONMENTAL SCIENCE

### II Year Examination :

ES . 201	Environmental Science-1	3	100
ES . 202	Environmental Science -2	3	100
ES . 203	Environmental Science Lab.-1	4	100

### III Year Examination :

ES . 301	Environmental Science-3	3	100
ES . 302	Environmental Science-4	3	100
ES . 303	Environmental Science Lab.-2	4	100

## AGROCHEMICAL & PEST MANAGEMENT

### II Year Examination :

ACP . 201	Agro Chemical & Pest Management-1	3	100
ACP . 202	Agro Chemical & Pest Management-2	3	100
ACP . 203	Agro Chemical & Pest Management Lab. -1	4	100

**III Year Examination :**

<i>Course Code</i>	<i>Course Title</i>	<i>Duration (Hours)</i>	<i>Max. Marks</i>
ACP . 301	Agro. Chem. & Pest Mgmt -3	3	100
ACP . 302	Agro. Chem. & Pest Mgmt -4	3	100
ACP . 303	Agro. Chem. & Pest Mgmt Lab.-2	4	100

**MATHOPHYSICS****II Year Examination :**

MP . 201	Mathematics-1	3	150
MP . 202	Physics -1	3	100
MP . 203	Physics Laboratory -1	4	50

**III Year Examination :**

MP . 201	Mathematics-2	3	150
MP . 202	Physics -2	3	100
MP . 203	Physics Laboratory -2	4	50

**SERICULTURE****II Year Examination :**

SC . 201	Sericulture-1	3	100
SC . 202	Sericulture -2	3	100
SC . 203	Sericulture Laboratory -1	4	100

**III Year Examination :**

SC . 301	Sericulture-3	3	100
SC . 302	Sericulture 4	3	100
SC . 303	Sericulture Laboratory -2	4	100

One Elective subject in II year may be chosen out of the following:

Economics / Entrepreneurship / Organizational Behavior / Psychology / Financial Accounting / Financial Management or a Project of equivalent weightage in any one of these elective subjects.

One Elective subject in III year may be chosen out of the following:

Green Chemistry/Polymer Science/Biotechnology/Forensic Science/Earth System Science/Intellectual Property Rights/Computational and Discrete Mathematics\*/Mathematical Methods in Life Sciences.

\*Only for students of B.Sc. Physical Sciences/Applied Physical Sciences.

#### **Promotion Rules**

1. The minimum marks required to pass the I year examination shall be 36% in the aggregate of all the Theory papers taken together and 36% in the aggregate of all the Practical papers taken together. The candidate shall have to secure 36% marks separately in the University examination, as well as in the total of the University examination and internal assessment.
2. The minimum marks required to pass the II & III year examination in the three subjects of Science Domains shall be 36% in the aggregate of the Theory papers taken together and 36% in the Practical examination in each subject, and 36% in the Elective/Project in each year separately. The criteria will be applied separately to the University examination as well as in the total of the University examination and internal assessment.
3. At the end of II Year, a candidate, who has secured pass marks (separately in Theory and Practical) in at least 2 of the Science Domains and has secured at least 25% marks in the aggregate in the third subject, and 25% marks in the elective subject/project may be permitted to proceed to the III Year class, and take subsequently the examination in the remaining subject of II Year (in which he has not secured the pass marks) along with the University examination of the III Year.
4. At the end of the III year, a candidate, who has not passed the third year examination, but has secured at least 36% marks in any subject/subjects (Theory and Practical separately for each subject) will be exempted for reappearing in those subjects.
5. The successful candidate will be classified on the combined results of I, II and III year examinations as follows:-
  - (a) First Division : 60% Marks or more in the aggregate
  - (b) Second Division : 50% Marks or more in the aggregate
  - (c) Third Division : All others

**Note**

- (i) Candidates who have failed or have been absent in any year of the B.Sc. Examination may be allowed to reappear at the examination on being enrolled as ex-student in accordance with the rules and regulations prescribed in that behalf irrespective of whether they had secured the minimum pass marks in the practical papers.
- (ii) Candidates who have already secured the minimum pass marks in the practical papers and or Project Report/Field Work Report at a previous examination shall not be allowed to reappear in the practical papers and Project Report/Field Work Report as the case may be.

**Attendance**

Subject to the provisions of Ordinance VII-Conditions for Admission to Examination-a candidate for the B.Sc. I year Examination shall not be deemed to have satisfied the required conditions of attendance unless he has attended, in all the subjects of I year taken together, not less than two-thirds of the lectures and practicals, held in the college. In the II and III year the student should have attended not less than two thirds of the lectures and practicals separately, held in the college in each academic year.

Provided that a student of the I Year Class who does not fulfill the required conditions of attendance as provided in the Clause above, but has attended, in all the subjects taken together, not less than 40 per cent of lectures and practicals, held during the I Year, may, at the discretion of the Principal of the College concerned, be allowed to appear at the Part I Examination; but such a candidate shall be required to make up the deficiency of lectures and/or practicals, as the case may be, of the I year, during the II year.

Provided further that a student of the II Year Class who does not fulfill the required conditions of attendance as above, but has attended in all the subjects taken together, not less than 40 per cent of the lectures and practicals, separately, held during the II Year class, may at the discretion of the Principal of the College concerned, be allowed to appear at the Part II examination provided that he makes up the deficiency of the II Year by combining the attendance of the first year class.

Provided further that a student of the II Year Class who was short of attendance at the end of I Year Class, but allowed to appear at the I Year examination, subject to his making up the deficiency of attendance during II Year, and who has not been able to make up the deficiency as above, but has attended in all the subjects taken together not less than 55% of the lectures and practicals, separately, held during the I Year Class and the II Year Class, taken together, may, at the discretion of the Principal of the College concerned, be allowed to appear at the II Year examination, subject to his making of the deficiency of the two years taken together, as above, during the III Year Class.

Provided further that a student of the III Year Class who does not fulfill the required conditions of attendance as above, but has attended in all the subjects taken together, not less than 40% of the lectures and practicals, separately, held during the III Year Class, shall be allowed to appear at the III Year examination, if by combining the attendance of the III Year with the attendance of I and II Years, the candidate has put in two-thirds of attendance in all the subjects taken together, separately, in lectures and practicals held during the three years.

#### **Explanation**

A Student who has failed at the I Year or II Year or III Year Examination and has rejoined the I Year or II Year or III Year class, as the case may be shall be required to put in the requisite attendance as above, afresh, and the attendance previously put in by him for the respective year will not be taken into account.

#### **TRANSITORY PROVISIONS:**

1. Notwithstanding anything to the contrary contained in the foregoing provisions:-
  - (a) A Candidate for the III Year examination, appearing at the examination initially, during the pendency of the course, may, with a view to improving his previous performance, be allowed to re-appear, once only, at the examination in one or more paper/s of II Year, alongwith the III Year Examination on foregoing in writing, his earlier performance, in the paper/s of II Year. No candidates shall

be allowed to re-appear in the paper/s of II Year after he has passed the III Year Examination.

- (b) A Candidate who has cleared the papers of the III Year Examination after having appeared at the Examination initially, during the pendency of the span period, may with a view to improving his earlier performance, be allowed to re-appear, once only, at the examination in one or more paper/s of III Year either at the Supplementary Examination immediately held thereafter or if he fails to appear then at the next Annual Examination on foregoing, in writing, his previous performance in the paper/s concerned of III Year Examination.
- (c) A Candidate admitted direct to the II Year class who appears at the I and II Year Examination simultaneously, during the pendency of the course, may, with a view to improving his previous performance, be allowed to re-appear, once only, at the examination in one or more paper/s of I and/or II Year alongwith the III Year Examination at the time of taking the examination initially, on foregoing in writing his earlier performance in the paper/s of I and/or II Year. No candidate shall be allowed to re-appear in the paper/s of I and/or II Year after he has passed the III Year Examination.

**Explanation**

1. No candidate will be admitted to the examination after the expiry of six years after admission to the I Year class, five years after admission to the II Year class and three years after admission to the III Year class.

**Note :**

In the case of a candidate, who offers to reappear in any paper/s under the aforesaid provision, on surrendering his earlier performance but fails to re-appear in the paper/s concerned, for satisfactory reasons, the marks previously secured by the candidate in the paper/s in which he failed to re-appear may be taken into account while determining the results of the examination held currently, on application by the candidate which should reach the University within a fortnight of the termination of the current examination.

**30. Amendments to Appendix II to Ordinance V (2) & VII regarding introduction of B.Sc. (Honours) in Biological Sciences (Page 123 of the University Calendar, Volume II, 1989) (E.C.29.4.2005)**

Add the following:

**Scheme of Examination for B.Sc. (Honours) Programme in Biological Sciences**

Every candidate shall be required to take an Examination at the end of the I, II and III years respectively as per the scheme given below:

<i>Course Code</i>	<i>Course Title</i>	<i>Duration (Hours)</i>	<i>Max. Marks</i>
PH . 101	Physics	3	100
PH . 102	Physics Laboratory	5	50
CH . 103	Chemistry	3	100
CH . 104	Chemistry Laboratory	6	50
BY . 105a	Biology	3	100
	or		
BY . 105b	Biology for Physical Sciences		
BY . 106a	Biology Laboratory		
	or	4	50
BY . 106b	Biology Laboratory for Physical Sciences		
MA . 107a	Mathematics		
	or	3	150
MA . 107b	Mathematics for Life Sciences		
IN . 108	Laboratory: Electronic and Modern Instrumentation	4	50
IN . 109	Laboratory: Analytical Techniques	4	50
CS . 110	Laboratory: Computer Applications	4	50
ES . 111	Environmental Studies	2	60
HU . 112	Technical Writing and Communication in English	2	40

**Total Marks of 1 year 850**

25% of the marks in each Theory paper will be reserved for internal assessment conducted as per existing rules. 50% of the marks in Practical Papers will be reserved for internal assessment which will include marks for performance throughout the year, record book, and viva voce (20%+20%+10% respectively).

**II Year and III Year**

In the II Year every student shall opt for 6 biology related courses (each course consisting of one theory paper). Each student will also take 4 laboratory courses in

the II year (50 marks each). The total marks for theory courses will be 600. In addition every student shall opt for an elective course for which 50 marks are allotted. In the III year the student shall continue with the same pattern which he/she adopted in II year. The over all distribution of marks shall be as follows.

<i>Course Code</i>	<i>Domain</i>	<i>Periods per Week</i>	<i>Max. Marks</i>
BY .201/301	Biological Sciences	3	100*
BY .202/302	Biological Sciences	3	100*
BY .203/303	Biological Sciences	3	100*
BY .204/304	Biological Sciences	3	100*
BY .207/307	Laboratory: Biology	4	50**
BY .208/308	Laboratory: Biology	4	50**
BY .205/305	Biological Sciences	3	100*
BY .206/306	Biological Sciences	3	100*
BY .209/309	Laboratory: Biochemistry/ Chemical Sciences	4	50**
BY .210/310	Laboratory: Biology	4	50**
EL .211	Elective	2	50*
<b>Total Marks-II and III year</b>			<b>850</b>

\*Includes 25% by internal assessment as per existing rules.\*\*Each practical examination shall be of 5 hrs. duration. There will be two practical examination at the end of II year and 2 practical examinations at the end of III year-The practical exams will carry 100 marks each.

#### **Promotion rules**

1. The minimum marks required to pass I year shall be 40% in the aggregated of all the Theory papers taken together and 40% in the Aggregated of all the practical taken together. The candidate shall have to secure 40% marks separately in University examination, as well as in the total of the University examination and internal assessment.
2. The minimum marks required to pass II year or III year examination shall be 40% in the aggregated of the theory papers taken together and 40% in the practical examination and 40% in the elective in each year separately. The criteria will be applied separately to the University examination as well as in the total of the University examination and internal assessment.
3. At the end of II year a candidate, who has secured pass marks (separately in theory practical) in at least 4 of the theory papers and has secured at least 25% marks in the aggregate in the other two and 25% marks in the elective subject may be permitted to proceed to the III year class, and take subsequently the examination in the remaining subject of II year (in which he has not secured the pass marks) along with the University examination of the III year.



4. At the end of the III year, a candidate, who has not passed the third examination, but has secured at least 40% marks in any subject/subjects (Theory and practical separately for each subject) will be exempted for reappearing in those subjects.
5. The successful candidates will be classified on the combined results of I,II and III year examinations as follows:
  - (a) First Division: 60% marks or more in the aggregate
  - (b) Second Division 50% marks of more in the aggregate
  - (c) Third Division All others

**Note**

- (i) Candidates shall not be placed in Compartment on the results of the I Year and II Year Examination of B.Sc. Courses.
- (ii) The compartment Examination for B.Sc. III year Examination shall be the same as for and be held alongside either the supplementary of Annual B.Sc. III Year Examination. A candidate placed in Compartment at the Annual Examination be allowed to complete the examination either at the following supplementary examination or the Annual Examination or at the supplementary examination immediately thereafter.
- (iii) Candidates who have failed or have been absent in any of the B.Sc. Examination may not be allowed to reappear at the examination on being enrolled as ex-student in accordance with the rules and regulations prescribed in that behalf Irrespective of whether they had secure the minimum pass marks in the practical papers.

Candidate who have already secured the minimum pass marks in the practical papers at a previous examination shall not be allowed to reappear in the practical papers as the case may be.

**31. Amendments to Appendix II to Ordinance V (2) & VII regarding revision of M.A. Mathematics (Pages 94-97 of the University Calendar, Volume II, 1989) (E.C.29.4.2005)**

*Replace* the existing with the following :

**M.A. Mathematics Part-I**

Course III – Calculus on  $R^n$  100 marks

**M.A. Mathematics Part-II (Optional)**

Course (GA-7) -Geometric and Algebraic Topology

GA-(7)(i) Differentiable Manifolds

GA-7 (ii) Homology Theory

**32. Amendments to Appendix II to Ordinance V (2) & VII regarding revision of M.Sc. Mathematics (Page 184 of the University Calendar, Volume II, 1989) (E.C.29.4.2005)**

Replace the existing with the following :

**M.Sc. Mathematics Part-I**

**Course III – Calculus on  $R^n$**

**100 marks**

**M.Sc. Mathematics Part-II (Optional)**

Course (GA-7) -Geometric and Algebraic Topology

GA-(7)(i) Differentiable Manifolds

GA-7 (ii) Homology Theory

**33. Amendments to Appendix II to Ordinance V (2) & VII relating to B.A. (Vocational Studies) (Page 40 of the University Calendar, Volume II, 1989) (E.C.29.4.2005)**

Replace the existing with the following:

**B.A. (VOCATIONAL STUDIES) PROGRAMME**

The programme is proposed for implementation in the regular stream with effect from the academic year beginning July 2005-06. With the implementation of this B.A. (Vocational Studies) Programme the existing programme in the regular stream shall be discontinued with effect from July 2005-06. Those students admitted to the Programme in July 2004 or earlier shall be governed by the provisions of the erstwhile programme until the expiry of their respective span period in accordance with University rules and regulations.

**1. Structure:**

The overall structure of the Vocational Studies Programme has been framed keeping in view the BA Programme of the University of Delhi. There shall be a total of 12 courses over a 3-year period with 4 courses taught and examined each year. The committee perceived a need to improve the communication skills of students and enhance their employment prospects. Consequently a foundation course that focuses exclusively on communication and initiates the student to a basic knowledge of computers and its applications is introduced, thus removing the lacuna in the existing Programme. Each course shall be of 100 marks including the foundation course (Computer fundamentals, software packages and computerized accounting; and Business Communication) that consists of two parts carrying 50 marks each and each of 2 hours duration. A student shall study 2 languages. Foreign students have the option of other subjects in lieu of Hindi/ modern Indian language.

<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>
Hindi*-I	Foundation	Hindi-II
English-I	English-II	Vocational-III
Vocational-I	Vocational-II	Vocational-IV
Inter-disciplinary-I	Inter-disciplinary-II	Inter-disciplinary-III

\* other Modern Indian Language/ or subject in lieu of

## **2. Components:**

Each Programme shall comprise of four categories of courses, i.e. Vocational courses, Foundation course, Language courses and Inter-disciplinary courses.

- (a) Vocational courses are courses that provide basic and contemporary knowledge to the student in the chosen vocational programme.
- (b) Language courses are courses to enhance linguistic skills and literary sensibilities in students. (As applicable in B.A. of Delhi University)
- (c) Foundation course is a course that familiarizes the student with computers and improves communication skills thus enhancing the employment prospects of the student and paving the foundation for a better grasp of the Vocational courses.
- (d) Inter-disciplinary courses are courses from other disciplines that complement the vocational courses and give additional competencies to the student.

The Programme includes 4 vocational courses instead of the 3 vocational courses in the existing programme allowing deeper understanding and enabling wider coverage of the subject. A foundation course on computers and communication skills overcomes the deficiency in the existing Programme. The Inter-disciplinary courses (different yet related to the vocational course) included in the Programme reflect the changing times and the importance of imparting knowledge of contemporary evolving fields. The medium of instruction and examination of the vocational courses shall continue to be English.

### **THE B.A. (VOCATIONAL STUDIES) PROGRAMME**

<i>Course Category</i>	<i>First year</i>	<i>Second year</i>	<i>Third year</i>
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#### **Vocational Courses**

A student shall study 4 vocational courses in the chosen field of specialization.

1	1	1+1
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#### **Language Courses**

A student shall study 4 language courses. Of these 2 shall be in English and 2 shall be in Hindi/ other Modern Indian

Language\*  
 Appropriate language courses in streams A, B or C shall be offered to specific groups of students as in the BA Programme. 1+1 1 1

**Foundation Course\*\***

Computer Fundamentals, Software packages and computerized accounting and Business Communication 1

**Inter-disciplinary Courses \*\*\***

Relevant complementary courses from BA application or BA discipline or B Com (Pass) courses for each programme 1 1 1

\*Or subject in lieu of

\*\*Comprising two parts of 50 marks each

\*\*\*See details in Annexure II

S.No.	New Nomenclature of Programmes	Old Nomenclature of Programmes
1.	Tourism	Tourism
2.	Office Administration and Secretarial Practice	Office Management and Secretarial Practice
3.	Management and Marketing of Insurance	Insurance
4.	Small and Medium enterprises	Entrepreneurship and Small Business
5.	Marketing Management and Retail Business	Retailing and Trade
6.	Materials Management	Stores Management
7.	Human Resource Management	Industrial Relations and Personnel Management

**3. Examinations :**

The examinations for the (Vocational Studies) Programme shall be held in three parts, each held annually. The evaluation for the B.A. (V.S.) Programme shall include continuous internal assessment based on tutorials/written assignments/term papers/presentations/ projects/ case studies/ seminars, house examinations and attendance in addition to the annual University examinations in accordance with Ordinance VIII E.

Each course shall be of 100 Marks. The foundation course (Computer Concept, Software Packages and Computerized Accounting; and Business Communication)

and Course 2.3 of B.A. (Vocational Studies) Office Administration and Secretarial Practice shall consist of two parts carrying 50 Marks each and each having Annual Examination of 2 hours duration. For all the other courses Annual Examination shall be of 3 hours duration.

The course 2.2a (Computer Concepts, Software Packages and Computerized Accounting) shall consist of three parts and shall be of two hours duration. Part A (Theory component of course 2.2a) is compulsory and carries 20 marks out of which 5 marks are for Internal Assessment. The Annual Examination shall be of 15 marks and one hour duration. There is an option between Part B (Software Packages) and Part C (Computerized Accounting). The option for Part C is not available to students studying Financial Accounting as Inter-disciplinary course. In the two hour Annual Examination, the examinee shall be examined for Part A in the first hour followed by Practical.

Examination of 30 marks for Part B or Part C in the second hour. Part C, while being a practical, shall be bifurcated into 20 marks of theory portion on Financial Accounting and 10 marks for Practical, all to be completed in one hour. Course 2.2b (Business Communication) carries 50 marks out of which 12 marks are for Internal Assessment. The Annual Exam shall be of 38 marks and two hours duration.

The Department of Commerce shall issue guidelines from time to time regarding specific packages to be taught and evaluated during the academic year for the course 2.2a on Computer fundamentals, software packages and computerized accounting and course 3.3 (Computer applications in Office Administration) of the BA (VS) Office Administration and Secretarial Practice Programme.

Course 2.3 Secretarial Practice and Basic Stenography of the Office Administration and Secretarial Practice Programme has two parts – Secretarial Practice of 50 marks shall have internal assessment of 12 marks and annual examination of 38 marks and examination duration of 2 hours. Basic Stenography is bifurcated into 20 marks of theory component (including 5 marks of internal assessment) and 1-hour annual examination, and 30 marks of practical component (including workbook of 5 marks) shall have annual practical examination of 1-hour, i.e. together a 2-hour examination.

Course 3.2 on Advanced Stenography has a theory component of 40 marks (including internal assessment of 10 marks) and an annual examination for 30 marks of 1-hour duration. The practical component of 60 marks (includes a workbook of 10 marks) shall have annual practical examination of 2 -hours.

Course 3.3 of B.A. (Vocational Studies) Office Administration and Secretarial Practice has a theory component of 40 marks out of which 10 marks are for Internal Assessment. The Annual Exam shall be of 30 Marks and one hour duration. The Annual Practical Examination shall be of 60 marks (out of which 10 marks are for workbook) and 2 hours duration. The student shall be examined from units 4 and 5 of the course (both having equal weightage). The Department of Commerce shall issue guidelines and norms from time to time for practicals.

The syllabi and examination for the inter-disciplinary courses in the Programme shall be the same as the B.A. Programme or the B.Com (Pass) courses, the details of which are given in Annexure II at the end of the Proposal.

Pass percentage and classification of successful candidate shall be same as that for B.A. Programme.

**DETAILS OF B.A. (VOCATIONAL STUDIES) PROGRAMME  
AT A GLANCE**

<b>Programmes</b>	<b>1<sup>st</sup> year</b>	<b>2<sup>nd</sup> year</b>	<b>3<sup>rd</sup> year</b>
<b>Tourism</b>	English+ Hindi/MIL*+ History of Tourism (Vocational) Culture in India+ (History)	English+ Computer fundamentals, software packages and computerized accounting and Business Communication Profile of Modern Tourism (Vocational) Globalisation+ (Economics)	Hindi/MIL*+ Tourism Undertakings (Vocational) Procedures and operations involved in the Tourism Business (Vocational) Economic development and policy in India+ (Paper III Economics)
<b>Management and Marketing of Insurance</b>	English+ Hindi/MIL*+ Insurance and Risk Management (Vocational) Principles of Micro- economics+ (Paper I Economics)	English+ Computer fundamentals, software packages and computerized accounting and Business Communication Insurance Marketing (Vocational) Globalisation+ (Economics)	Hindi/MIL*+ Life and Health Insurance (Vocational) General Insurance (Vocational) Business Law** (Commerce)
<b>Marketing Management and Retail Business</b>	English + Hindi/MIL*+ Marketing Management	English+ Computer fundamentals, software packages	Hindi/MIL*+ Organising Retail Trade (Vocational) Retail Trading

	concepts and practices (Vocational) Principles of Microeconomics+ (Paper I Economics)	and computerized accounting and Business Communication Advertising and Sales Promotion (Vocational) Trade procedures Practice, Logistics and Legal Dimensions+ (Commerce)	Operations (Vocational) Economic development and policy in India+ (Paper III Economics)
<b>Materials Management</b>	English+ Hindi/MIL*+ Purchasing and Stores management (Vocational) Principles of Microeconomics+ (Paper I Economics)	English+ Computer fundamentals, software packages and computerized accounting and Business Communication Materials management and control (Vocational) Organization and Management of Business+ (Commerce)	Hindi/MIL*+ Materials budgeting and other aspects of Material Management (Vocational) Production process and Supply chain Management (Vocational) Business Law** (Commerce)
<b>Small and Medium Enterprises</b>	English+ Hindi/MIL*+ Fundamentals of Entrepreneurship (Vocational) Principles of Microeconomics+ (Paper I Economics)	English+ Computer fundamentals, software packages and computerized accounting and Business Communication Organization and Management of Small & Medium Enterprises (Vocational) Financial Accounting** (Commerce)	Hindi/MIL*+ Policy Framework and Financial Management (Vocational) Marketing and Human Resource Strategies (Vocational) Labour and Development in India+ (Economics)
<b>Human Resource Management</b>	English+ Hindi/MIL*+ Business	English+ Computer fundamentals,	Hindi/MIL*+ Management of Human

	organization and environment (Vocational) Principles of Microeconomics+ (Paper I Economics)	software packages and computerized accounting and Business Communication Organization Behaviour (Vocational) Voluntary Organizations+ (Commerce)	Resources (Vocational) Industrial Relations and Labour Welfare (Vocational) Economic development and policy in India+ (Paper III Economics)
<b>Office Administration and Secretarial Practice</b>	English+ Hindi/MIL*+ Communication and Office Administration (Vocational) Organization and Management of Business+ (Commerce)	English+ Computer fundamentals, software packages and computerized accounting and Business Communication Secretarial Practice and Basic Stenography (Vocational) Financial Accounting** (Commerce)	Hindi/MIL*+ Advanced Shorthand (Vocational) Computer applications in Office Administration (Vocational) Legal Literacy+ (Political Science)

\* or subject in lieu of

+ Same as in BA Programme

\*\* Same as in B.Com (Pass) Course

### TOURISM

<i>S.No.</i>	<i>Course No</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
1.	1.1	English	100	25	75	3
2.	1.2	Hindi/Modern Indian Language in lieu of*	100	25	75	3
3.	1.3.	History of Tourism (Vocational Course)	100	25	75	3



4.	1.4.	Culture in India (Inter-disciplinary Course- History)	100	25	75	3
5.	2.1	English	100	25	75	3
6.	2.2a	Computer fundamentals, Software packages and Computerized Accounting (Foundation course)	50	5	(15+30) (theory+ practical)	2
	2.2b	Business Communication (Foundation course)	50	12	38	2
7.	2.3	Profile of Modern Tourism (Vocational Course)	100	25	75	3
8.	2.4	Globalization (Interdisciplinary Course-Economics)	100	25	75	3
9.	3.1.	Hindi/Modern Indian language In lieu of*	100	25	75	3
10.	3.2	Tourism Undertakings (Vocational Course)	100	25	75	3
11.	3.3	Procedures and Operations in the Tourism Business (Vocational Course)	100	25	75	3

<i>S.No.</i>	<i>Course No.</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
12.	3.4	Economic Development and Policy in India (Inter-disciplinary course-Economics)	100	25	75	3

\*or subject in lieu of

1.	1.1	English	100	25	75	3
2.	1.2	Hindi/ Modern Indian Language In lieu of*	100	25	75	3
3.	1.3.	Communication, Office Administration	100	25	75	3
4.	1.4.	Organization and Management of Business (Inter-disciplinary Course Commerce)	100	25	75	3
5.	2.1	English	100	25	75	3
6.	2.2a	Computer fundamentals, Software packages and Computerized Accounting (Foundation course)	50	5	(15+30) (theory+practical)	2
	2.2b	Business Communication (Foundation course)	50	12	38	2
7.	2.3	Secretarial Practice and Basic Stenography* 50	50	12	38	2
				5	15+30	2

<i>S.No.</i>	<i>Course No.</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
8.	2.4	Financial Accounting (Interdisciplinary Course-Commerce)	100	25	75	3
9.	3.1.	Hindi/Modern Indian language In lieu of*	100	25	75	3
10.	3.2	Advanced Stenography*	100	10	30+60 (theory+practical)	1+2
11.	3.3	Computer Applications in Office Administration*	100	10	30+60 (theory+practical)	1+2
12.	3.4	Legal Literacy (Inter-disciplinary Course-Political Science)	100	25	75	3

\*or subject in lieu of

#### **MANAGEMENT AND MARKETING OF INSURANCE**

<i>S.No.</i>	<i>Course No</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
1.	1.1	English	100	25	75	3
2.	1.2	Hindi/ Modern Indian Language In lieu of*	100	25	75	3
3.	1.3.	Insurance and Risk Management (Vocational course)	100	25	75	3
4.	1.4.	Principle of Microeconomics (Inter-disciplinary Course Economics)	100	25	75	3

<i>S.No.</i>	<i>Course No.</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
5.	2.1	English	100	25	75	3
6.	2.2a	Computer fundamentals, Software packages and Computerized Accounting (Foundation course)	50	5	(15+30) (theory+practical)	2
	2.2b	Business Communication (Foundation course)	50	12	38	2
7.	2.3	Insurance Marketing (Vocational Course)	100	25	75	3
8.	2.4	Globalization (Interdisciplinary Course-Economics)	100	25	75	3
9.	3.1.	Hindi/Modern Indian language In lieu of*	100	25	75	3
10.	3.2	Life Insurance (Vocational Course)	100	25	75	3
11.	3.3	General Insurance (Vocational Course)	100	25	75	3
12.	3.4	Business Law (Inter-disciplinary Course-Commerce)	100	25	75	3

\*or subject in lieu of

### SMALL & MEDIUM ENTERPRISES

<i>S.No.</i>	<i>Course No.</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
1.	1.1	English	100	25	75	3
2.	1.2	Hindi/ Modern Indian Language In lieu of*	100	25	75	3
3.	1.3.	Fundamentals of Enterpre- neurship (Vocational course)	100	25	75	3
4.	1.4.	Principles of Microeconomics (Inter-disciplinary Course Economics)	100	25	75	3
5.	2.1	English	100	25	75	3
6.	2.2a	Computer fundamentals, Software packages and Computerized Accounting (Foundation course)	50	5	(15+30) (theory+practical)	2
	2.2b	Business Communication (Foundation course)	50	12	38	2
7.	2.3	Organization and Management of Small & Medium Enterprises (Vocational Course)	100	25	75	3
8.	2.4	Financial Accounting (Interdisciplinary Course-Commerce)	100	25	75	3

<i>S.No.</i>	<i>Course No.</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
9.	3.1.	Hindi/Modern Indian language In lieu of*	100	25	75	3
10.	3.2	Policy Frame-Work and Financial Management (Vocational Course)	100	25	75	3
11.	3.3	Marketing and Human Resource Strategies (Vocational Course)	100	25	75	3
12.	3.4	Labour and Development in India (Inter-disciplinary Course-Economics)	100	25	75	3

\*or subject in lieu of

#### **MATERIALS MANAGEMENT**

1.	1.1	English	100	25	75	3
2.	1.2	Hindi/ Modern Indian Language In lieu of*	100	25	75	3
3.	1.3.	Purchasing and Stores Management (Vocational course)	100	25	75	3
4.	1.4.	Principles of Microeconomics (Inter-disciplinary Course Economics)	100	25	75	3
5.	2.1	English	100	25	75	3

<i>S.No.</i>	<i>Course No</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
6.	2.2a	Computer fundamentals, Software packages and Computerized Accounting (Foundation course)	50	5	(15+30) (theory+practical)	2
	2.2b	Business Communication (Foundation course)	50	12	38	2
7.	2.3	Material Management and Control (Vocational course)	100	25	75	3
8.	2.4	Organization and Management of Business (Interdisciplinary Course-Commerce)	100	25	75	3
9.	3.1.	Hindi/Modern Indian language In lieu of*	100	25	75	3
10.	3.2	Materials Budgeting and Other aspects of Material Management (Vocational course)	100	25	75	3
11.	3.3	Production Processes and Supply Chain Management (Vocational Course)	100	25	75	3

\*or subject in lieu of

## HUMAN RESOURCE MANAGEMENT

<i>S.No.</i>	<i>Course No</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
1.	1.1	English	100	25	75	3
2.	1.2	Hindi/ Modern Indian Language In lieu of*	100	25	75	3
3.	1.3.	Business Organization and Environment (Vocational course)	100	25	75	3
4.	1.4.	Principles of Microeconomics (Inter-disciplinary Course Economics)	100	25	75	3
5.	2.1	English	100	25	75	3
6.	2.2a	Computer fundamentals, Software packages and Computerized Accounting (Foundation course)	50	5	(15+30) (theory+practical)	2
	2.2b	Business Communication (Foundation course)	50	12	38	2
7.	2.3	Organization Behaviour (Vocational course)	100	25	75	3
8.	2.4	Voluntary Organizations (Inter-disciplinary Course-Commerce)	100	25	75	3
9.	3.1.	Hindi/Modern Indian language In lieu of*	100	25	75	3



<i>S.No.</i>	<i>Course No</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
10.	3.2	Management of Human Resources (Vocational course)	100	25	75	3
11.	3.3	Industrial Relations and Labour Welfare (Vocational Course)	100	25	75	3
12.	3.4	Economic Development and Policy in India (Inter-disciplinary course-Economics)	100	25	75	3

\*or subject in lieu of

#### **MARKETING AND MANAGEMENT OF RETAIL BUSINESS**

1.	1.1	English	100	25	75	3
2.	1.2	Hindi/ Modern Indian Language In lieu of*	100	25	75	3
3.	1.3	Marketing Management Concepts and Practices (Vocational Course)	100	25	75	3
4.	1.4	Principles of Microeconomics (Inter-disciplinary Course Economics)	100	25	75	3
5.	2.1	English	100	25	75	3
6.	2.2a	Computer fundamentals, Software packages and Computerized Accounting (Foundation Course)	50	5	(15+30) (theory+practical)	2

<i>S.No.</i>	<i>Course No</i>	<i>Course</i>	<i>Marks</i>	<i>Internal Assessment</i>	<i>Annual Examination</i>	<i>Examination Hours</i>
	2.2b	Business Communication (Foundation Course)	50	12	38	2
7.	2.3	Advertising and Sales Promotion (Vocational Course)	100	25	75	3
8.	2.4	Trade Procedures, Practice, Logistics and Legal Dimensions (Inter-disciplinary Course-Commerce)	100	25	75	3
9.	3.1	Hindi/Modern Indian language In lieu of*	100	25	75	3
10.	3.2	Organizing Retail Trading (Vocational Course)	100	25	75	3
11.	3.3	Retail Trading Operations (Vocational Course)	100	25	75	3

\*or subject in lieu of

**34. Amendment to Appendix II to Ordinance V (2) & VII of the Ordinances of the University regarding revised Scheme of Examination relating to M.Sc. Course in Plant Molecular Biology and Biotechnology (effective from the academic session 2005-2006), (Page 591 of the University Calendar, Volume II, 1989) (E.C. 29.4.2005)**

*Replace* the existing with the following:

## **M.Sc. COURSE**

### **PLANT MOLECULAR BIOLOGY AND BIOTECHNOLOGY**

(Effective for admission to academic session 2005-2006 onwards)

1. There shall be a M.Sc. Course in Plant Molecular Biology and Biotechnology in the Department of Plant Molecular Biology under the Faculty of Interdisciplinary and Applied Sciences.
2. The duration of this course shall be two academic years
3. A student seeking admission to this course must have passed B.Sc.(Hons.) in Botany, Zoology, Microbiology, Biochemistry, Chemistry, Physics, or any other related field, with at least 60% marks in the main subject, or B.Sc. (General) Group A or B with at least 60% marks in aggregate. Final selection will be made on the basis of written test and interview.

The candidate must also possess such other qualifications as may be prescribed by the Academic Council from time to time.

4. No person shall be qualified for admission to the M.Sc. Course unless he/she is 20 years of age, before the 1<sup>st</sup> of October of the year in which he/she seeks admission. The Vice-Chancellor may, on the basis of individual merit, relax the age limit up to a period of six months.
5. Examination : There shall be following two examinations in this course.

Examination I: On completion of the course of study for one academic session in the first year of the course.

Examination II: On completion of the course of study for academic session in the second year of the course.

6. Attendance: In case of eligibility for Examination I and II, no candidate shall be deemed to have pursued a regular course of study unless he/she has attended not less than three-fourths of the lectures delivered and practicals held, in relation to the course prescribed for each examination separately.
7. Scheme of Examination: The following shall be the scheme of Examination for the Course:

Examination I:

Theory Papers

- I. Basics of Molecular Biology
- II. Molecular Cell Biology
- III. Biochemistry and Metabolomics
- IV. Molecular Basis of Plant Growth and Development
- V. Genetics and Gene Regulation.

Each theory paper (I-VIII) carries 45 marks and shall be of three hours duration. In addition, 15 marks shall be reserved for internal assessment for each paper, as per University guidelines.

Practicals: Based on above courses (I to V), Practicals carry 200 marks and shall be of 16 hours duration, spread over two days.

Examination II:

Theory Papers

- VI. Structure and Function of Eukaryotic Genome
- VII. Molecular Basis of Differentiation and Morphogenesis
- VIII. Plant Biotechnology.

Dissertation

Each theory paper (VI-VIII) carries 45 marks and shall be of three hours duration. In addition, 15 marks shall be reserved for internal assessment for each paper, as per University guidelines.

Dissertation shall consist of submitting either original project work, or a detailed Review of Literature, or both, in thesis format, to be evaluated at the end of the second year.

Practicals: Based on above courses (VI-VIII). Practicals carry 120 marks and shall be of 16 hours duration spread over two days, whereas Dissertation will be of 200 marks.

Grand Total:

360 Theory+120 Internal Assessment+320 Practicals+200 Dissertation=1000 marks.

Note: The medium of instruction and examination shall be English.

8. Minimum Pass Marks and Classification of Successful Candidates:

- (a) In order to qualify for the degree of M.Sc., a candidate must have secured at least 40% marks in the aggregate of theory courses, at least 40% marks in the aggregate of practicals and at least 40% marks in Dissertation.
- (b) No candidate shall be permitted to proceed to the second year unless he/she has secured at least 40% marks in the aggregate of at least half the number of courses written and practicals taken together, prescribed for the first year (for this purpose, the courses in which the candidate has secured the least will be ignored).
- (c) A candidate must qualify for the award of the degree within four years of his first admission to the course.

(d) At the end of the second examination the successful candidates shall be classified as follows:

First Division	60% or more marks in the aggregate of all the examinations.
Second Division	50% or more marks in the aggregate of all the examinations.
Third Division	40% or more marks in the aggregate of all the examinations.

9. A candidate who appears or fails to appear at Examination I may be allowed to appear/reappear in one or more courses of Examination I along with the Examination II at the end of the second year, on his/her foregoing the earlier performance in writing in the courses concerned, in case he/she had previously appeared in the same. This shall be subject to the following conditions:

- (i) No candidate will be allowed to appear in any course more than twice, including the examination originally held and no candidate will be allowed to appear in any course beyond four years of his/her first admission to the M.Sc. Course.
- (ii) A candidate must choose once only, the course of an annual examination in which he/she would reappear at an examination. No candidate who has once chosen to reappear in certain courses of a examination will be allowed to reappear in the remaining courses of that examination at a later examination.
- (iii) A candidate who opts to reappear in a certain course at an examination, that is not able to appear in the same, will not be deemed to have availed himself/herself of the chance to reappear and may reappear in the courses concerned at a later examination, if otherwise eligible.

10. A candidate who at the end of the second year fails to secure the minimum marks required for the award of the degree, may reappear in all such courses of the first and second year in which he/she has not appeared twice already at the examination to be held in the month of April next year but a candidate must pass M.Sc. Examination within four years of his/her admission to the M.Sc. Course.

**Note:** A candidate who fails at the examination but has secured at least 40 per cent marks in the Dissertation submitted (wherever applicable) by him/her in lieu of a course as in independent course, as laid down in the scheme of examination, will not be required to submit a fresh Dissertation when he/she appears again at the examination and the marks obtained by him/her in respect of Dissertation at the earlier examination will be taken into account while determining his/her result.

11. A candidate who has qualified for the award of the degree may be allowed to reappear at the examination with a view to improving the previous performance. Such a candidate will be allowed to reappear at the examination

as an ex-student, only once within a period of four years from the date of his/her first admission to M.Sc. course. Such a candidate may reappear either in all the written courses prescribed for the first year or in all the written courses prescribed for the second year or in all the written courses prescribed for both the year (either in one year or in the written courses prescribed for the I year in one year or in the written courses prescribed for the II year in the subsequent year). Such a candidate will not be permitted to reappear in the Practical Courses, nor he/she will be permitted to submit fresh Dissertation etc., and the marks obtained previously in the same will be taken into account while determining his/her result of the examination taken under provisions of this Clause. Such candidates will be required to reappear at the examination according to the scheme of examination and the syllabus prescribed for the year in which the examination is currently held.

**Note:** Candidate reappearing as aforesaid will be permitted to reappear at the examination held in the month of April/May only.

12. Subject to the Statutes and Ordinances of the University, each M.Sc. Courses student shall remain under the control and discipline of the Head of the Department of Plant Molecular Biology.

### SCHEME OF EXAMINATION

#### PART – I M.Sc. (PREVIOUS)

<i>Theory:</i>	<i>Duration (Hours)</i>	<i>Marks (Annual/Internal Exam Assess.)</i>
Paper I: Basics of Molecular Biology	3	45+15
Paper II: Molecular Cell Biology	3	45+15
Paper III: Biochemistry and Metabolomics	3	45+15
Paper IV: Molecular Basis of Plant Growth and Development	3	45+15
Paper V: Genetics and Gene Regulation	3	45+15
Practicals: Based on above papers	16	200

#### Part - II M.Sc. (FINAL)

Paper VI: Structure and Function of Eukaryotic Genome	3	45+15
Paper VII: Molecular Basis of Differentiation and Morphogenesis	3	45+15
Paper VIII: Plant Biotechnology	3	45+15
Dissertation		200
Practicals : Based on above papers	16	120

35. **Amendment to Appendix II to Ordinance V (2) & VII of the Ordinances of the University regarding revised Scheme of Examination relating to M.A. Political Science (effective from the academic session 2005-2006), (Pages 88 to 90 of the University Calendar, Volume II,1989) (E.C. 29.4.2005)**

*Replace* the existing with the following

M.A. (Previous ) Paper 4: Theory of International Relations

M.A. (Final ) Paper 12: International Political Economy

36. **Amendments to Appendix II to Ordinance V (2) & VII relating to B.A. (Hons.) Sociology (Page 58 of the University Calendar, Volume II, 1989) (E.C.29.4.2005)**

*Replace* the existing with the following:

#### **SOCIOLOGY**

<b>Part - I</b>	<i>Paper No.</i>	<i>Paper title</i>	<i>Total marks</i>	<i>Examination (Hours)</i>
	Paper - I	Introduction to Sociology	100	3
	Paper - II	Sociology of India	100	3
<b>Part - II</b>	Paper - III	Sociology of Religion	50	2
	Paper - IV	Sociology of Kinship	50	2
	Paper - V	Economic Sociology	50	2
	Paper - VI	Political Sociology	50	2
<b>Part - III</b>	Paper - VII	Sociology Theory	100	3
	Paper - VIII	Social Stratification	100	3
	Paper - IX	Introduction to Sociological Research	100	3
<b>Optionals</b>	Paper - X	Urban Sociology	50	2
	Paper - XI	Industrial Sociology	50	2
	Paper - XII	Environment and Society	50	2
	Paper - XIII	Sociology of Gender	50	2

Internal Assessment shall be as per the University Ordinances.

37. **Amendment to Appendix II to Ordinance V (2) & VII of the Ordinances of the University regarding Introduction of Two year Diploma in Conflict Transformation and Peace Building (effective from the academic session 2005-2006), (Pages 58 of the University Calendar, Volume II,1989) (E.C. 29.4.2005)**

Add the following:

## **DIPLOMA COURSE**

### **CONFLICT TRANSFORMATION AND PEACE BUILDING**

#### **Duration : Two years**

The Diploma Programme will require students to:

- (a) Complete course work (for four papers: three in the first year, and one in the second year)
- (b) Be placed with an organization working in Conflict Resolution or related fields (for at least two months)
- (c) Submit a research thesis (of publishable quality) and participate in a viva
- (d) Participate in a research methodology workshop

There will be a minimum of five to seven hours of teaching per week.

#### **Admission**

Thirty seats are available in the Programme. Admission will be made on the basis of merit.

1. The minimum qualification for admission is a 10+2 degree (at least 60% marks)
2. Selection to the programme will be on merit, based on the following:
  - (a) An interview
  - (b) Written test and/or extended essay including statement of purpose

#### **Evaluation**

The three papers, offered in the first year, will be for 100 marks each.

1. The fourth paper, to be taught in the second year, will also be for 100 marks. However, this will be a more intensive paper, comprising three substantial units. (For each paper, 75% of the evaluation will be conducted externally, and the remaining 25% internally).
2. Research project: 100 marks
3. Viva Voce: 50 marks
4. Internship: 50 marks

Students will be marked for the internship on the basis of an assessment report from the host organization as well as a narrative report submitted by the student.

Internal evaluation will be done on the basis of the following :

1. Completion of reading for each unit
2. Attendance of class lectures and participation in group discussions and exercises
3. Reflection papers on select reading from the course



4. Term paper on a topic related to Conflict Transformation. The topic will be approved by the course coordinator.
5. Viva and presentation on research paper
6. Report on learnings from internship  
The grading system is as follows:  
Above 75% Distinction  
First Division: 60% and above  
Second Division: 50%-60%  
Third Division: 40%-50%

**Scheme of Examination**

FIRST YEAR	<i>Marks</i>
PAPER -1 Introduction to Conflict Analysis and Conflict Transformation	100
PAPER -2 Skill-building: Dialogue, Mediation, Facilitation and Negotiation	100
PAPER-3 Violence, Nonviolence and Conflict Transformation	100
<b>SECOND YEAR</b>	
PAPER - 4 Human Rights, Gender, Justice and Reconciliation	100
Action Research Project & Viva Voce	150
Two-Month Internship	50
Evaluation and Course Requirements	600

38. **Amendment to Appendix II to Ordinance V (2) & VII of the Ordinances of the University regarding revised Scheme of Examination relating to M.A. Environmental Studies (effective from the academic session 2005-2006), (E.C. 29.4.2005)**

*Replace* the existing scheme of Examination with the following :

**M.A.**

**ENVIRONMENTAL STUDIES**

Semester - I	Common Module (4 Papers)	400
Semester - II	Interdisciplinary Module 4 Compulsory Papers	400
Semester - III	Electives      Electives Module          Module Any 6 Papers   Any 6 Papers from the list    from the list	400

	<i>Marks</i>
Semester - IV	200
Semester-IV                      Dissertation	200

Four Semesters (each semester of 6 months duration)

**SEMESTER - I (Compulsory papers)**

- Paper - 1 Introduction to Environmental Sciences
- Paper - 2 Social perspectives on environment
- Paper - 3 Environment, development & sustainability
- Paper - 4 Methodologies for environmental studies

**SEMESTER - II Interdisciplinary Module (Compulsory)**

- Paper - 5 Environmental impact and risk assessment
- Paper - 6 Pollution and health
- Paper - 7 Urban ecosystem
- Paper - 8 Natural resources conservation and management

**SEMESTER - III Elective Module: (4 papers in Semester III & 2 papers in half of Semester IV to be chosen out of a total of 12 papers)**

- Paper - 9 Environmental and resource economics
- Paper - 10 Social theory, sociology of development and environment
- Paper - 11 Indian and international environmental law
- Paper - 12 Environmental ethics and philosophy
- Paper - 13 Environmental history and environmentalism
- Paper - 14 Environmental policies and politics
- Paper - 15 Environmental communications and education
- Paper - 16 Technology, environment and society
- Paper - 17 Natural resource conflicts and choices
- Paper - 18 Gender & environment
- Paper - 19 Global environmental issues
- Paper - 20 Culture and environment

**SEMESTER - IV Dissertation (half of semester IV)**

Based on field study or organizational attachment.

39. **Amendment to Appendix II to Ordinance V (2) & VII of the Ordinances of the University regarding revised Scheme of Examination relating to M.Sc. Environmental Studies (effective from the academic session 2005-2006), (E.C. 29.4.2005)**

Replace the existing with the following :

**M.Sc.**  
**ENVIRONMENTAL STUDIES**

		<i>Marks</i>
Semester - I	Common Module (4 Papers)	400
Semester - II	Interdisciplinary Module 4 Compulsory Papers	400
Semester - III	Electives      Electives Module          Module Any 6 Papers   Any 6 Papers from the list   from the list	400
Semester - IV		200
Semester-IV	Dissertation	200

Four Semesters (each semester of 6 months duration)

**SEMESTER - I (Compulsory papers)**

- Paper - 1 Introduction to Environmental Sciences
- Paper - 2 Social perspectives on environment
- Paper - 3 Environment, development & sustainability
- Paper - 4 Methodologies for environmental studies

**SEMESTER - II Interdisciplinary Module (Compulsory papers)**

- Paper - 5 Environmental impact and risk assessment
- Paper - 6 Pollution and health
- Paper - 7 Urban Ecosystem
- Paper - 8 Natural resources : conservation and management

**SEMESTER - III Elective Module: (4 papers in Semester III & 2 papers in half of Semester IV to be chosen out of a total of 12 papers)**

- Paper - 9 Atmosphere and global climate change
- Paper - 10 Natural & managed ecosystems
- Paper - 11 Biodiversity and conservation biology
- Paper - 12 Soil biology
- Paper - 13 Ecotoxicology and environmental health
- Paper - 14 Environmental biotechnology
- Paper - 15 Environmental chemistry
- Paper - 16 Environmental hazards
- Paper - 17 Hydrology and water resources

- Paper - 18 Environmental geology
- Paper - 19 Systems analysis and modeling
- Paper - 20 Environmental engineering

**Semester - IV. Dissertation (half of Semester IV)**

Based on field study or organizational attachment.

40. **Amendment to Appendix II to Ordinance V (2) & VII of the Ordinances of the University regarding revised Scheme of Examination relating to Bachelor of Financial & Investment Analysis (BFIA) (effective from the academic session 2005-2006), (Page 613 of the University Calendar, Volume II,1989) (E.C. 29.4.2005)**

Replace the existing with the following:

Scheme of Examination and Rules for Promotion

1 to 5    x        x        x        x

6. The Scheme of Examination shall be as follows:

<i>Paper No.</i>	<i>Written Paper</i>	<i>Internal Assessment</i>	<i>Practicals/</i>	<i>Exam Duration (Hours)</i>
<b>SEMESTER - I</b>				
No Change in Paper No. & Title.				
BFIA - 1	45	15		2
BFIA - 2	45	15		2
BFIA - 3	45	15		2
BFIA - 4	45	15		2
BFIA - 5	30	15	15	2+2 Practical
<b>SEMESTER - II</b>				
No Change in Paper No. & Title				
BFIA - 6	45	15		2
BFIA - 7	45	15		2
BFIA - 8	45	15		2
BFIA - 9	45	15		2
BFIA - 10	45	15		2
				6-8 Weeks Summer Training

**SEMESTER - III**

No Change in Paper No. &amp; Title

<i>Paper No.</i>	<i>Written Paper</i>	<i>Internal Assessment</i>	<i>Practicals/</i>	<i>Exam Duration (Hours)</i>
BFIA - 11	45	15		2
BFIA - 12	45	15		2
BFIA - 13	45	15		2
BFIA - 14	45	15		2
BFIA - 15	30	15	15	2+2 Practical

**SEMESTER - IV**

No Change in Paper No. &amp; Title

BFIA - 16	45	15		2
BFIA - 17	45	15		2
BFIA - 18	45	15		2
BFIA - 19	45	15		2
BFIA - 20	45	15		2
				6-8 weeks Summer Training

**SEMESTER - V**

No Change in Paper No. &amp; Title

BFIA - 21	45	15		2
BFIA - 22	45	15		2
BFIA - 23	45	15		2
BFIA - 24	45	15		2
BFIA - 25	45	15		2

**SEMESTER - VI**

No Change in Paper No. &amp; Title

BFIA - 26	45	15		2
BFIA - 27	45	15		2
BFIA - 28	45	15		2
BFIA - 29	45	15		2
BFIA - 30	30	15	15	2+2 Practical

**Note :** (i) Students are required to do 30 compulsory papers during the period of three years (six semesters) besides 12 to 16 weeks of summer training to be completed in two parts first at the end of II semester and a second at the end of IV semester.

(ii) A candidate shall be required to score at least 40% of total Marks to pass a paper

7. x x x x x

8. (i) to (v) x x x x

(vi) Improvement shall be allowed only in theory papers where marks are below 50% but not in a paper pertaining to the sixth semester and after the final result is declared.

Facility of revaluation shall be available to the candidates.

(vii) x x x

9. x x x x x

10. x x x x x

Evaluation: Each paper will carry 60 marks i.e. 30 x 60 = 1800 Total

Students will be provided with detailed syllabus at the beginning of each semester with topic wise reading and weightage of each topic regard to the lectures and also the details of practical/industrial training requirements in the specified fields.

**41. Amendment to Appendix II to Ordinance V (2) & VII of the Ordinances of the University regarding revised Scheme of Examination related to B.A. (Hons.) Business Economics (effective from the academic session 2005-2006) (Page 62 of the University Calendar, Volume II,1989) (E.C. 29.4.2005)**

Replace the existing with the following:

<i>Title of Papers</i>	<i>Max. Marks</i>	<i>Duration of Exam. (Hrs.)</i>
Paper No. XV : Application of Computer	80	2

**42. Amendment to Appendix II to Ordinance V (2) & VII of the Ordinances of the University regarding revised Scheme of Examination related to B.A. (Hons.) Concurrent Courses (effective from the academic session 2005-2006) (E.C. 29.4.2005)**

**B.A. Honours Concurrent Courses**

With the implementation of this B.A. (Hons.) Programme, the existing B.A. (Hons.) Programme with respect to substitute any courses shall stand discontinued w.e.f. July 2005.

Those admitted to the B.A. (Hons.) on or before 2004 shall be governed by the provisions of the earlier Ordinance till the expiry of the respective span period.

The Restructured B.A. (Hons.) Programme, as approved by the Academic Council at its meeting held on 11/12 October, 2004 vide Resolution No. 69 and the Executive Council at its meeting held on 25 October, 2004 vide Resolution No. 141(1), be also applicable to: (i) B.A. (Hons.) Mathematics starting from the academic year July 2005 until the Department of Mathematics restructures its B.A. (Hons.) and B.Sc. (Hons.) Mathematics Courses; and B.A. (Hons.) – Hindustani Music/Karnatak Music starting from academic year July 2005.

The Inter-disciplinary Course of the Restructured B.A. (Hons.) Programme – Mathematical Awareness shall not be available to the students admitted to the B.A. (Hons.) Mathematics Course and shall be offered to students who studied mathematics upto secondary level and admitted in the first year of B.A. (Hons.) in disciplines other than Mathematics.

The erstwhile subsidiary courses of B.A. (Hons.) Mathematics and B.A. (Hons.) Hindustani Music/Karnatak Music shall stand discontinued w.e.f. 2005-2006.

The erstwhile subsidiary course, Music offered to the students of B.A. (Hons.) in Humanities, Social Sciences and Mathematics shall stand w.e.f. July 2005 and the Faculty will formulate a discipline centred concurrent course in Music and will be placed before the AC/EC for consideration so that this course will be available from the academic session 2006-2007.

### **Components**

#### **First Year Honours in subject other than Literature:**

Students will offer

- \* One compulsory language course from any of the following:
  1. English
  2. Hindi
  3. Urdu
  4. Persian
  5. Punjabi
  6. Bengali
  7. Marathi
  8. Tamil
  9. Telugu
  10. Assamese
  11. Manipuri
  12. Sanskrit

## Note

Students who have not studied any of the languages after Class VIII, or if the language they have studied beyond Class VIII is not offered by the College, will not be required to take the compulsory course in a language. Instead they will opt for one of the interdisciplinary courses in lieu thereof.

### \* Qualifying Course

Students will offer one qualifying course in any language other than the one offered above, For example, if a student chooses English as a compulsory language course, he or she shall be required to offer one qualifying courses from Hindi or any other Indian language or vice-versa. The options are

1. English [Higher/Lower]
2. Hindi [Higher/Lower]
3. Urdu [Higher/Lower]
4. Bengali
5. Marathi
6. Tamil
7. Telugu
8. Assamese
9. Manipuri
10. Sanskrit

\* Honours students in subjects other than language/literature who opt for the compulsory language course in say English will offer the higher qualifying course in Hindi and vice versa.

\* Honours students in subjects other than language/literature shall take the lower course if they have studied the language only upto class VIII.

\* Students who have not studied any of the languages after Class VIII, or if the language they have studied beyond Class VIII is not offered by the College, will not be required to take the qualifying course in a language. Instead they will opt for one of the interdisciplinary courses in lieu thereof.

### First Year Honours in Literature:

A student who is enrolled in a B.A. (Hons.) course where a literature subject is the main discipline (namely, English, Hindi, Urdu, Bengali, Sanskrit, Punjabi, Arabic, Persian) shall not be required to take a compulsory Language Course.

He/She can opt for one of the following in lieu of Compulsory Language:

The Individual and Society

English Department



Or

Hindi Language, Literature and Culture      Hindi Department

Such students may opt for a language course provided it is not the same language as the main discipline.

Qualifying Course: For Language/Literature students, the qualifying, language course has to be chosen from among the remaining languages (i.e. neither the language of the main discipline nor the one chosen as a language for credit).

**First Year : All Honours**

- \* All First Year Honours Students are required to opt for one of the following interdisciplinary Concurrent courses.
- \* Those literature honours students who have offered 4 (a) or (b) in lieu of Compulsory language cannot offer this set of courses as an option.

*Interdisciplinary Concurrent Courses*

*Nodal Department*

- |   |                              |
|---|------------------------------|
| 1. Ethics in the Public Domain              | Philosophy Department        |
| 2. Environmental Issues in India            | History Department           |
| 3. Reading Gandhi                           | Political Science Department |
| 4.  |                              |
| (a) The individual and Society              | English Department           |
|   | or                           |
| (b) Hindi Language, Literature, and Culture | Hindi Department             |
| 5. Gender and Society                       | Sociology Department         |
| 6. Mathematical Awareness                   | Mathematics Department       |

**Note :** Individual departments are responsible for administering the course. Teaching from other departments can contribute to the teaching of the course, if needed.

**Second Year: All Honours**

- \* All students will opt for any two of the following discipline centred concurrent courses.
- \* These courses should be in subjects other than their main discipline.
- \* In those subjects where more than one discipline centred course is offered, the student shall opt for one of the course.

**Discipline Centred Courses**

**Nodal Department**

- |                          |                       |
|--------------------------|-----------------------|
| 1. Psychology for Living | Psychology Department |
| 2. Urdu Literature       | Urdu Department       |

- |   |                              |
|---|------------------------------|
| 3. Persian Literature   | Persian Department           |
| 4. Hindi Literature   | Hindi Department             |
| 5. Modern Indian Literature, Poems,<br>and Short Stories;<br>Novel or play  | English Department           |
| Or  |                              |
| Cultural Diversity, Linguistic Plurality and Literary<br>Traditions in India  |                              |
| 6. Punjabi Literature   | Punjabi Department           |
| 7. Sanskrit Literature  | Sanskrit Department          |
| 8. Students can offer <i>one</i> course out<br>of the following   | Philosophy Department        |
| <ul style="list-style-type: none"> <li>(i) Formal Logic or Symbolic Logic</li> <li>(ii) Philosophical Investigations<br/>(Readings in Western Philosophy)</li> <li>(iii) Theories of Consciousness (Readings in<br/>Classical Indian Philosophy)</li> </ul> |                              |
| 9. Citizenship in a Globalizing World   | Political Science Department |
| 10. Group A may be offered for a four<br>year period 2005-2009 and then<br>Group B in rotation:   | History Department           |
| <ul style="list-style-type: none"> <li>(i) Culture in India : A Historical Perspective</li> <li>(ii) Delhi : Ancient/Medieval/Modern</li> <li>(iii) Religion and Religiosity in India</li> <li>(iv) Inequality and Difference in India</li> </ul>           |                              |
| 11. Sociology of Contemporary India   | Sociology Department         |
| 12. Any one of the following:   | Geography Department         |
| <ul style="list-style-type: none"> <li>(i) Principles of Geography</li> <li style="text-align: center;">or</li> <li>(ii) Geography in India</li> </ul>  |                              |
| 13. For Honours <i>other than</i> Economics<br>Honours  | Mathematics Department       |
| 13a Algebra and Calculus<br>or  |                              |
| 13b Mathematical Methods<br>For Economic Honours  |                              |

- 13c Elements of Analysis  
or  
13d Linear Algebra and Calculus  
14. Economics course yet to be approved Economics Department

**LANGUAGE CREDIT COURSE**

**ENGLISH**

*Marks*

**Ist Year** 50

Comtemporany English : An Anthology for Undergraduates I.

**ଫରୀ**

ଫରୀ କ୍ରମିକ ଭାବେ ପଢ଼ାଯାଏ

**Ist Year**

ଫରୀ କ୍ରମିକ ଭାବେ ପଢ଼ାଯାଏ; ଫରୀ କ୍ରମିକ ଭାବେ ପଢ଼ାଯାଏ; ଫରୀ କ୍ରମିକ ଭାବେ ପଢ଼ାଯାଏ

- |            |                         |    |
|------------|-------------------------|----|
| <b>I</b>   | ଫରୀ କ୍ରମିକ ଭାବେ ପଢ଼ାଯାଏ | 15 |
| <b>II</b>  | ଫରୀ କ୍ରମିକ ଭାବେ ପଢ଼ାଯାଏ | 15 |
| <b>III</b> | ଫରୀ କ୍ରମିକ ଭାବେ ପଢ଼ାଯାଏ | 10 |

**URDU**

**Ist Year**

- |        |                                  |    |
|--------|----------------------------------|----|
| Unit-1 | Urdu Ki Adabi Tehrikat.          | 10 |
| Unit-2 | Azadi Ke Bad Urdu Sher-o-Adab.   | 10 |
| Unit-3 | A wami Zaraye Tarseel Mein Urdu. | 10 |
| Unit-4 | Adabi Istilahat Ki Farhang.      | 8  |

**PERSIAN**

**Ist Year**

- |          |                            |    |
|----------|----------------------------|----|
| Unit-I   | Persian Language (Prose)   | 8  |
| Unit-II  | Persian Language (Poetry)  | 8  |
| Unit-III | Grammar                    | 6  |
| Unit-IV  | Fill in the blanks         | 6  |
| Unit-V   | Translation and Vocabulary | 10 |

## PUNJABI

<b>Ist Year</b>	<i>Marks</i>
1. Punjabi pattarkari da itihaas, rozana Punjabi akhbaran da daur. Khabn Seway an ate agencian, electronic pattarkari, pattarkarita de kaushal (Khabran da ikatrikaran, sampadan, vishesh lekh rachna, feature lekhan, review, mulankan	8
2. Punjabi cinema da bunyadi sankalp, cinemaee bimb, sampadan shellian pachhmi te bharati cinemaee vidhavan, darshakpan ate sweekriti, star da bimb ate prashansak sabhiachar.	8
3. Radio te television da takniki vikas, cassetan, C.D.'s, video filman, internet, sangeetak vidhavan, mandian ate sambandhit sanskritian (classical, Punjabi folk, Punjabi pop ate rock), ishtiharbazi, programman di viharik samikhaya.	6
4. Punjabi prakashan media vich ishtiharbazi, radio duara ishtiharbazi, visual ate electronic media, ishtiharbazi de rachna-path ate samajik manovigian, prashaski dhang.	8
5. Anuvad da sarup, khetar, prakiriya ate vidhi, daftari Punjabi ate anuvad, jan-sanchar madhiaman da anuvad, ishtiharbazi vich anuvad, sahit-anuvad, viganik- takniki khetran vich anuvad, khatan, dastavezan de anuvad, doobhasie di pravidhi.	8

## BENGALI

### Ist Year

<b>A. Credit Course - I</b>	<i>Marks</i>
(a) A novel	- 15
(b) A long poem (1)	- 15
(c) Translation from English to the	- 8

*Note* : [There will be five questions in total. The students will be expected to answer 2 questions from the novel, 2 questions from poetry. There will be one English passage to be translated into the concerned Indian language.]

<b>B. Credit Course - II</b>	
(a) An autobiography	- 15
(b) A play	- 15
(c) Format of journalism	- 8

[There will be five questions in total. The students will be required to answer 2 questions from the autobiography, 2 questions from play. One question from journalism - Letter to the editor/writing an editorial/reportage.]

## MARATHI

### Ist Year

A. Credit Course - I		Marks
(a) A novel	-	15
(b) A long poem	-	15
(c) Translation from English to Marathi	-	8

[There will be five questions in total. The students will be expected to answer 2 questions from the novel, 2 questions from poetry. There will be one English passage to be translated into the concerned Indian language.]

B. Credit Course - II		
(a) An autobiography	-	15
(b) A play	-	15
(c) Format of journalism in Marathi	-	8

[There will be five questions in total. The students will be required to answer 2 questions from the autobiography, 2 questions from play. One question from journalism - Letter to the editor/writing an editorial/reportage.]

## TAMIL

### Ist Year

A. Credit Course - I		
(a) A novel	-	15
(b) A long poem	-	15
(c) Translation from English to Tamil	-	8

[There will be five questions in total. The students will be expected to answer 2 questions from the novel, 2 questions from poetry. There will be one English passage to be translated into the concerned Indian language.]

B. Credit Course - II		
(a) An autobiography	-	15
(b) A play (Drama)	-	15
(c) Format of journalism	-	8

[There will be five questions in total. The students will be required to answer 2 questions from the autobiography, 2 questions from play. One question from journalism - Letter to the editor/writing an editorial/reportage.]

## TELUGU

### Ist Year

A. Credit Course-I		Marks
(a) A novel	-	15
(b) A long poem (1)	-	15
(c) Translation from English to Telugu.	-	8

[There will be five questions in total. The students will be expected to answer 2 questions from the novel, 2 questions from poetry. There will be one English passage to be translated into the concerned Indian language.]

### B. Credit Course - II

(a) An autobiography	-	15
(b) A play	-	15
(c) Format of journalism	-	8

[There will be five questions in total. The students will be required to answer 2 questions from the autobiography, 2 questions from play. One question from journalism - Letter to the editor/writing an editorial/reportage.]

## ASSAMESE

### Ist Year

A. Credit Course - I		
(a) A novel	-	15
(b) A long poem (1)	-	15
(c) Translation from English to the	-	8

[There will be five questions in total. The students will be expected to answer, 2 questions from the novel, 2 questions from poetry. There will be one English passage to be translated into the concerned Indian language.]

### B. Credit Course-II

(a) An autobiography	-	15
(b) A play	-	15
(c) Format of journalism	-	8

[There will be five questions in total. The students will be required to answer 2 questions from the autobiography, 2 questions from play. One questions from journalism-Letter to the editor/writing an editorial/reportage.]

## SANSKRIT

### Ist Year

	अंक
1. रघुवंशम्	15
2. दूतवाक्यम्	15
3. व्याकरण	20

## LANGUAGE QUALIFYING COURSES

### ENGLISH (HIGHER)

#### Ist Year

50

Alan McConnell Duff, Tiger's Eye

The objectives of this course are:

1. to expose the students to an extended prose text which is plot-driven and addressed to second language learners
2. to learn the skills of English in the workplace and the word around us
3. to teach writing skills such as comprehension, exposition, summary making etc.
4. enrich the students' vocabulary.

### ENGLISH (LOWER)

#### Ist Year

50

A Foundation English Course for Undergraduates book-II.

*Note* : Sections 7, 8, 17, 18, and 19 of this textbook will not be taught for this course.

The objectives of this course are:

1. to expose the students to a variety of both literary and non-literary genres (such as poster, advertisements and dialogues) which they are likely to encounter in daily life
2. to teach reading skills such as scanning, identifying the main ideas, and locating specific information

3. to teach writing skills such as narrating past and present events, describing, summarizing, writing applications and filling forms
4. to enrich the students' vocabulary

The teaching of the grammatical items has been interwoven in the units to bring home to the students not only their syntactic structure but the context in which they are more likely to occur. The two parts of the book, the Reader and the Workbook, are designed to be taught simultaneously as what is taught in the Reader is reinforced in the Workbook.

### HINDI (HIGHER)

(उन विद्यार्थियों के लिए जिन्होंने दसवीं कक्षा तक हिन्दी पढ़ी है)

<b>अंक</b>	<b>अंक</b>
I. आधुनिक काल में हिन्दी भाषा का भौगोलिक-विस्तार	15
II. संचार माध्यमों में हिन्दी के विविध रूप	15
III. कार्यालयी हिन्दी : कार्यालयी पत्र लेखन (सरकारी और व्यावसायिक), आवेदन, स्ववृत्त लेखन (बायो डाटा), टिप्पण, प्रारूपण, पारिभाषिक शब्दावली, प्रशासनिक प्रयुक्तियाँ, मुहावरे/लोकोक्तियाँ (अंग्रेजी से हिन्दी)	10
IV. पल्लवन, संक्षेपण, निबंध लेखन	10

### HINDI (LOWER)

(उन विद्यार्थियों के लिए जिन्होंने केवल 8वीं कक्षा तक हिन्दी पढ़ी है)

<b>अंक</b>	<b>अंक</b>
1. fgUnh Hkk"kk % सामान्य परिचय	15
2. fgUnh dk 'kCn-भण्डार और शब्द-रचना	10
3. iYYkou vFkok vuqPNsn ys [ku	5
4. fura/k&ys [ku	10
5. i= ys [ku	10

### URDU (HIGHER)

#### Ist Year

Unit-1	Jadeed Urdu Nasr	10
Unit-2	Azaadi Ke Baad Urdu Shairi	10
Unit-3	Azadi Ke Baad Urdu Fiction	10
Unit-4	Essay and Translation	8



## URDU (LOWER)

<b>Ist Year</b>	<i>Marks</i>
Unit-1 Urdu Abad Ka Mukhtasar Tanuf	12
Unit -2 Urdu Nazm	12
Unit-3 Urdu Nasr (i)	14

## BENGALI

<b>Ist Year</b>			
(a) Short Stories Collection	-		15
(b) A modern play	-		15
(c) A short essay on a current topic	-		8

*Note* : [There will be five questions in total. The students will be required to answer 2 questions from the five short stories, 2 questions from the play. The essay will on a current topic.]

## MARATHI

<b>Ist Year</b>			
(a) Five short stories from an Anthology	-		15
(b) A modern play	-		15
(c) A short essay on a current topic	-		8

[There will be five questions in total. The students will be required to answer 2 questions from the five short stories, 2 questions from the play. The essay will on a current topic.]

## TAMIL

<b>Ist Year</b>			
(a) Short Stories Collection	-		15
(b) A modern play	-		15
(c) A short essay on a current topic	-		8

[There will be five questions in total. The students will be required to answer 2 questions from the five short stories, 2 questions from the play. The essay will on a current topic.]

## TELUGU

<b>Ist Year</b>		<i>Marks</i>
(a) Short Stories Collection	-	15
(b) A modern play	-	15
(c) A short essay on a current topic	-	8

[There will be five questions in total. The students will be required to answer 2 questions from the five short stories, 2 questions from the play. The essay will on a current topic.]

## ASSAMESE

<b>Ist Year</b>		
(a) Short Stories Collection	-	15
(b) A modern play	-	15
(c) A short essay on a current topic	-	8

[There will be five questions in total. The students will be required answer 2 questions from the five stories, 2 questions from the play. The essay will on a current topic.]

## SANSKRIT

<b>Ist Year</b>		
1. नीतिशतकम् (भर्तृहरि) – 1 से 50 श्लोक तक		15
2. श्रीमद्भगवद्गीता– द्वादश अध्याय (भक्तियोग)		15
3. संस्कृत व्याकरण		20

## IN LIEU OF COMPULSORY LANGUAGE COURSE

### ENGLISH

<b>Ist Year</b>		
<b>'The Individual and Society'</b>		
Section 1 Theme : Caste/Class		10
Section 2 Theme: Gender		9
Section 3 Theme: Race		9
Section 4 Theme: Violence and War		10

## विज्ञान

इतिहास

विज्ञान	अंक
1. Hkk"kk %& ऋषा का महत्व	15
2. Hkk"kk vkSj lkfgR; %	20
3. laLd` fr vkSj ledkyhu lekt %	15

## INTER-DISCIPLINARY COURSES

### PHILOSOPHY

**Ist Year** 50

#### Ethics in the Public Domain

1. What is Ethics ?
2. Family, Marriage and Dowry
3. Structures of Inequality : Caste, Hunger, Poverty
4. Media and Ethics : Agency, Privacy Censorship
5. Secularism and Tolerance

### HISTORY

**Ist Year**

#### Environmental Issues in India

1. The Importance of Environment
2. Geography, ecology and cultures in Pre-Colonial India  
Land, Forests, Water, Pastures, Ecology of Hills and Mountains
3. Colonialism and Developments in the Environment  
New Regimes of Land, Forests Water and Irrigation  
Resistance : Peasants, Tribals, and Pastoralists
4. Environmental Issues in Independent India  
Forests, Dams, Displacement, Pollution Degradation
5. Environmental Movements in Independent India  
Forests, Dams, Displacements, Pollution
6. Environmental Concerns in a Globalising World.

## POLITICAL SCIENCE

Marks

**Ist Year**

50

### Reading Gandhi

1. Ways to read a text:
2. Gandhi in his own words : a close reading of *Hind Swaraj*.
3. Commentaries on *Hind Swaraj* and Gandhian thought :
4. Gandhi and modern India :

## ENGLISH

**Ist Year**

### 'The Individual and Society'

Section 1 Theme : Caste/Class	10
Section 2 Theme : Gender	9
Section 3 Theme : Race	9
Section 4 Theme : Violence and War	10

## हिन्दी

हिन्दी

हिन्दी भाषा, साहित्य और संस्कृति

1. भाषा : — भाषा का महत्व 15
2. भाषा और साहित्य : 20
3. संस्कृति और समकालीन समाज : 15

## SOCIOLOGY

**Ist Year**

### Gender and Society

#### I. Social constructions of gender

- a. Concepts of sex and gender
- b. Dislocating gender identity

#### II. Everyday formations of gender

- a. Divisions of work and property
- b. Familial domain

### III. Politics of gender

- a. Gender and resistance
- b. Sexual liberation movements

## MATHEMATICS

### Ist Year

<b>Mathematical Awareness</b>	<i>Marks</i>
Unit I - Brief Biographical Sketches	6
Unit II - Numbers	12
Unit III - Graph Theory and Geometry	12
Unit IV - Statistical and Related Concepts	8

## DISCIPLINE CENTRED COURSES

### PSYCHOLOGY (for Non Psychology Students)

### IInd Year

#### Psychology For Living

##### Theory

Unit 1: Self Direction in a Changing World : Social Change; The challenge of Self Direction.	5
Unit 2: The Physical Self : The body and health; Body image; Psychological factors and physical illness; Promoting wellbeing.	5
Unit 3: The Knowing Self : Cognitive Processes : Consciousness, learning, memory, language, thinking & intelligence.	6
Unit 4: The Emotional Self : Understanding emotions; Expressing emotions; Managing emotions.	5
Unit 5: Self in Relationships : Interpersonal relationships : Family, peer group, culture.	5
Unit 6: Self in Disintegrative Experiences : Anxiety, stress and depression; Understanding stress and coping with it.	6
Unit 7: Growth and Actualizing Self : Subjective well being in relation to social world; Suffering and resilience; Hope; Happiness; Compassion.	6

**Note :** Each Unit will be supported by experiential exercises. These exercises will be done in groups of 10-12 students for more effective implementation.

## URDU

### IIInd Year

#### Urdu Literature

*Marks*

Unit-1	Urdu Zaban-o-Adab Ki Ibtida	10
Unit-2	Urdu Sher-o-Adab	10
Unit-3	Urdu Ka Afsanvi Adab	10
Unit-4	Takhliqi Adab Ki Amali Mashq	8

## PERSIAN

### IIInd Year

#### Persian Literature

1.	Rubaiyat-e-Khayaym (First 25 Rubaiyat)	8
2.	Introduction of important Literary Personalities.	8
3.	Introduction of cultural background of Iran.	8
4.	Introduction of Indo-Persian Historians	8
5.	Grammar & Translation :	8
6.	Internal Assessment	10

## हिन्दी

हिन्दी साहित्य का संक्षिप्त परिचय

हिन्दी कविता

(HINDI LITERATURE)

I	हिन्दी साहित्य का संक्षिप्त परिचय	10
II	हिन्दी कविता	15
III	हिन्दी गद्य (विविध रूप)	15
IV	द्वुतपाठ	10

## ENGLISH

**IInd Year**

*Marks*

**Students shall opt any one of the following two courses :**

**I. English Literature**

- |   |    |
|---|----|
| I. Modern Indian Literature :<br>Poems and Short Stories  | 18 |
| II. Shakespeare, The Merchant of Venice<br>Or<br>Bertolt Brecht, Mother Courage<br>Or<br>Emily Bronte, Wuthering Heights<br>Or<br>E. M. Forster. A Passage to India | 20 |

*or*

**II. Cultural Diversity, Linguistic Plurality and Literary Traditions in India.**

- |                             |    |
|-----------------------------|----|
| I. Extracts from the essays | 14 |
| II. Creative Writing        | 24 |

N.B. : Literature Honours students (English, Hindi, Sanskrit, any other Indian Language) who are not required to take a compulsory Language Credit Course may opt for either of these two courses.

These courses may be made available to other Honours students as well.

The scheme of examinations will be as per the University Ordinances.

## PUNJABI

**IInd Year**

**Punjabi Literature**

Pattern and Structure

- |   |   |
|---|---|
| 1. The summary of the theme of any poem (One question is to be asked out of two alternative questions). | 8 |
|---|---|

	<i>Marks</i>
2. The theme or artistic peculiarities of the novelette (One question is to be asked out of two alternative questions).	8
3. The theme or artistic peculiarities of the travelogue (One question is to be asked out of two alternative questions).	8
4. The theme or artistic peculiarities of any one-act play (One question is to be asked out of two alternative questions).	6
5. History of Punjabi Literature (One question is to be asked out of two alternative questions).	8

## SANSKRIT

### **IIInd Year**

- A. Text (Translation, Explanation)
- B. Grammar based on the texts (Sandhi and Karakas only)

## PHILOSOPHY

**IIInd Year** 50

- Note :** 1. There are three courses out of which a student may choose one.  
2. Every college should offer at least two of these courses.

### **Course I**

- 1. (a) Formal Logic  
or  
(b) Symbolic Logic

### **Course - II**

Readings in Western Philosophy

### **Course - III**

Theories of Consciousness



## **POLITICAL SCIENCE**

### **IIInd Year**

#### **Citizenship in a Globalizing World**

1. Classical conceptions of citizenship
2. The Evolution of Citizenship and the Modern State
3. Citizenship and Diversity
4. Citizenship beyond the Nation-state: Globalization and global justice
5. The idea of cosmopolitan citizenship

## **HISTORY**

### **IIInd Year**

#### **Group A**

- (1) Culture in India : a historical perspective.
- (2) Delhi : Ancient, Medieval and Modern.

#### **Group B**

- (1) Religion and Religiosity in India.
- (2) Inequality and Difference in India.

**Note :** To obviate administrative difficulties, the four courses have been divided into two groups : A and B. Colleges are required to offer at least two papers choosing one from each course. Group A may be offered for a four year period 2005-9 and then Group B in rotation.

#### **Culture in India : Ancient**

1. Interpreting the material remains of cultural practice.
2. Classical Sanskrit drama and poetry.
3. The Ramayana and Mahabharata - stories, characters, versions.
4. Early Tamil poems, poets, and patrons.
5. Folk narratives, ancient and contemporary.
6. Religious icons and their makers; the modern histories of ancient images.

#### **Culture in India Medieval**

1. Kingship & court : mixing the classic with the folk
2. Devotionalism
3. Perceiving Cultures
4. Negotiating identities
5. Painting, architecture, music

## **Culture in India : Modern**

1. History of Sport
2. Film and the Arts
3. Gender identities
4. Oral History
5. Music and the Music Industry
6. Popular visual culture

## **Ancient Delhi**

1. Stone age sites in the Delhi area.
2. Protohistoric settlements : later Harappan remains at Bhorgarh and Mandoli.
3. Archaeology and legend: The Purana Qila excavations and the Mahabharata legend; Painted Grey Ware sites.
4. The early historic period; the Ashokan rock edict at Shrinivaspuri/ Bahapur.
5. Remains of the 4th-6th centuries; the Mehrauli iron pillar
6. The early medieval period; Lal Kot and Anangpur
7. The medieval and modern history of ancient remains : the Ashokan Delhi-Meerut and Delhi-Topra pillars; the iron pillar; and the worship of ancient images in modern village shrines.

## **Medieval Delhi**

- (1) An account of the many cities
- (2) Delhi as Imperial Camp and City
- (3) Delhi as Economic centre
- (4) Delhi as social and cultural centre

## **Modern Delhi**

1. Delhi : from the Battle of Patparganj to the Ghadar of 1857 - An Overview.
2. Literary Cultures of Delhi
3. The Ghadar and its aftermath in the life of Delhi
4. The Making of New Delhi
5. Delhi : Partition and After
6. Violence, Dislocations, Expansions
7. Layers of History and Memory in Delhi

### **Religion and religiosity : Ancient India**

1. The problem of defining religious categories :
2. The renunciatory traditions :
3. Vaishnava and Shaiva devotional cults :
4. The temple; temple cities; royal temple policy:
5. Pilgrimage and patronage

### **Religion and Religiosity : Medieval India**

1. Communities of Belief
2. Practices
3. Shared Spaces
4. Conversions

### **Religion and Religiosity in Modern India**

1. Traditions of Epics texts
2. Dissenting Readings of Religious Tradition
3. Shared spaces of Religion
4. Politics of Religion
5. Conversion and Identity
6. Religion and Secularism

### **Inequality and difference : Ancient India**

1. Social stratification, with special reference to varna and jati.
2. Gender, family and the household.
3. Slavery, untouchability.
4. Tribes and forest people; perceptions of cultural difference.

### **Inequality and Difference : Medieval India**

1. Class inequalities
2. Slavery and Caste
3. Narrating Differences
4. Lordship and hierarchy
5. Gender difference - inequality

### **Inequality and Difference : Modern India**

1. Caste
2. Gender
3. Social Movements
4. Tribe

5. Religious communities
6. Development in Modern India

## **SOCIOLOGY**

*Marks*

**IInd Year**

50

### **Sociology of Contemporary India**

1. *Understanding India*
  - (a) India as an object of Study
  - (b) Tradition and Modernity
  - (c) India as a plural society
  - (d) Social Movements.
2. *Social Institutions and Practices*
  - (a) Caste
  - (b) Tribes
  - (c) Class
  - (d) Village
  - (e) Family and Kinship
  - (f) Gender

## **GEOGRAPHY**

**IInd Year**

50

### **Principles of Geography**

Unit I -Introduction  
Unit II-Physical Geography  
Unit III-Human Geography  
Unit IV-Economic Geography

*OR*

### **Geography of India**

Unit I : Physical Base  
Unit II: Human Dimensions  
Unit III: Economic Activities  
Unit IV: Contemporary Issues

## MATHEMATICS

### Ind Year

#### **Algebra and Calculus** *Marks* **(Other than Economics)**

Unit-I Algebra and Geometry	12
Unit-II: Calculus-I	14
Unit-III: Calculus-II	12

#### **Mathematical Methods** **(Other than Economics)**

Unit-I Approximation and Numerical Methods	13
Unit-II : Statistical Methods	17
Unit-III : Linear Programming and Game Theory	8

#### **Elements of analysis**

##### **Economics**

Unit I: Real Sequences	16
Unit II: Infinite Series	12
Unit III: Power series	10

#### **Linear algebra and Calculus**

##### **Economics**

Unit I: Linear Algebra	16
Unit II: Real valued functions of one variable	12
Unit III: Calculus of several variables	10

#### **43. Amendment to Ordinance XXVIII on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 757 of the University Calendar, Volume I, 2004)/(E.C. 17.10.2005)**

*Add* the following at S.No. 90

#### **SHRI MADAN MOHAN MEMORIAL MEDAL**

##### **(for B.Sc. (H) Computer Science)**

1. There shall be a Gold Medal known as the “Shri Madan Mohan Memorial Medal” to be awarded out of the annual income accruing from the endowment fund of Rs. 1,00,000/- made by the Trustee of the Madan Mohan Sumitra and Lalit Mohan Trust, C-3/67, Lawrence Road, Delhi – 110035.
2. The Medal shall be awarded each year to a candidate who secures the highest percentage of marks among the successful candidates at the B.Sc. (Hons.) Computer Science Examination of the University.

3. The Medal shall be presented to the candidate at the Annual Convocation of the University.
4. In the event of no candidate being found eligible for the award (as defined in Clause (2)) the income accruing from the endowment shall be added to the endowment fund.

**44. Amendment to Ordinance XXVIII on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 757 of the University Calendar, Volume I, 2004)/(E.C. 17.10.2005)**

Add the following at S.No. 91

**SHRI MADAN MOHAN MEMORIAL MEDAL  
(for M.Sc. Computer Science)**

1. There shall be a Gold Medal known as the “Shri Madan Mohan Memorial Medal” to be awarded out of the annual income accruing from the endowment fund of Rs. 1,00,000/- made by the Trustee of the Madan Mohan Sumitra and Lalit Mohan Trust, C-3/67, Lawrence Road, Delhi – 110035.
2. The Medal shall be awarded each year to a candidate who secures the highest percentage of marks among the successful candidates at the M.Sc. Computer Science Examination of the University.
3. The Medal shall be presented to the candidate at the Annual Convocation of the University.
4. In the event of no candidate being found eligible for the award (as defined in Clause (2)) the income accruing from the endowment shall be added to the endowment fund.

**45. Amendment to Ordinance XXVIII (70) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 693 of the University Calendar, Volume I, 2004)/(E.C. 17.10.2005)**

**SHRI MADAN MOHAN MEMORIAL SCHOLARSHIP**

1. There shall be a Scholarship called the “Madan Mohan Memorial Scholarship” tenable for one year of the value of Rs. 1000/- p.m. to be awarded out of the annual income accruing from the endowment fund of Rs. 2,50,000/- endowed by the Madan Mohan Sumitra & Lalit Mohan Trust, C-3/67, Lawrence Road, Delhi – 110035.
2. There shall be only One Scholarship operating at a time and shall be awarded to the student who secures the highest percentage of marks in the M.Sc.(Prev.) Computer Science examination of the University in the first attempt and presecutes studies for the M.Sc. (Final) Computer Science Course in this University. The candidate, however, will have the option to choose this

scholarship in preference to any other scholarship awarded to him from any other source. In case the first candidate in the merit list chooses some other scholarship, or the scholarship falls vacant during the pendency of the same the next candidate in the merit will be awarded this scholarship on the recommendation of the Head of the Department by the Academic Council.

3. The candidate in receipt of this scholarship shall not accept any other Scholarship/financial assistance, other than freeship, from any other source. In case he/she does so, the total amount received from this Endowment Fund shall be refunded by him/her to the University from the date he/she accepts any other scholarship/ financial assistance. The unutilized amount will be added to the corpus fund.
4. If it appears to the University at any time that a scholar is unable to show satisfactory progress or is found guilty of misbehaving conduct or is irregular in attendance, he/she will after due warning after due warning in writing, be reported by the Head of the Department/Institution to the Academic Council who may withdraw the scholarship.
5. The Scholarship amount shall be payable monthly by the Registrar on a bill through the Principal/Head of the Institution/Department who shall certify there on that the scholar is regular in attendance, that his/her conduct is good and that his/her progress is satisfactory.

**46. Amendment to Ordinance XXVIII (70) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 693 of the University Calendar, Volume I, 2004)/(E.C. 17.10.2005)**

Delete the Professor M.S.A. Rao Memorial Merit Scholarships at S.No. 70

**47. Amendment to Ordinance XXVIII on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 698 of the University Calendar, Volume I, 2004)/(E.C. 17.10.2005)**

*Replace* the existing with the following at S.No. 70

**PROFESSOR M.S.A. RAO MEMORIAL MERIT BOOK-GRANT**

1. There shall be one one-time book-grant called the “Professor M.S.A. Rao Memorial Merit Book-Grant of the value of Rs. 2,500/- p.a. payable out of the annual income accruing from the interest on the Prof. M.S.A. Rao Memorial Fund of Rs. 59,000/- endowed to the University by the Prof. M.S.A. Rao Memorial Committee.
2. The Book-Grant shall be awarded to a deserving student of M.A. Part – II Course in Sociology enrolled at the Delhi School of Economics.

3. The Book-Grant shall be awarded on the recommendation of the Scholarships Committee of the Department of Sociology which will follow the same procedure of selection as is followed for the award of other merit based scholarship/book-grant with the Department.
4. If it should appear at any time to the Head of the Department of Sociology that a scholar has failed to make satisfactory progress or has been found guilty of gross misconduct, after due warning, in writing, the scholar may be required to refund the amount of the book-grant on the specific recommendation of the Scholarships Committee of the Department of Sociology.
5. No student shall be eligible for award of this book-grant if he/she already holds a scholarship/book-grant awarded by the Delhi University or any other University or the Central Government or any State Government, or Private Body other than freeship.
6. In case a scholar under this endowment accepts any other book-grant/financial assistance from any other source he/she shall be required to surrender this book-grant and shall be required to refund the amount received by him/her on account of this book-grant from the date he/she accepts the other scholarship/book-grant/financial assistance.
7. In case a scholar discontinues the studies without valid reasons, he shall be required to refund the amount received by him/her on account of the book-grant.
8. Any amount accruing from interest from the endowment fund and not spent in any year shall be added to the corpus of the endowment fund.
9. The payment of the book-grant amount will be made to the scholar through the Head of the Department of Sociology on the presentation of a bill and a certificate to the effect that the scholar was not in receipt of any other scholarship/book-grant or financial assistance.

**48. Amendment to Ordinance XXVIII (2) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 613 of the University Calendar, Volume I, 2004)/(E.C. 17.10.2005)**

*Replace* the existing with the following :

**ALL INDIA POST-GRADUATE SCHOLARSHIPS**

**Clause – 1**

Post-Graduate Scholarships not exceeding twenty in number will be awarded each year tenable for two or three years, as the case may be from May each year, in the Faculties of Arts, Science, Mathematical Sciences, Social Sciences, Law, Music and Fine Arts, and Management Studies for proceeding to the Degree of M.A./M.Sc./M.Com/M.B.A./LL.B./LL.M. of the University.



The value of each Scholarship shall be Rs. 400/- p.m. for both resident and non-resident students.

**49. Amendment to Ordinance XXVIII (4) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 616 of the University Calendar, Volume I, 2004)/(E.C. 17.10.2005)**

*Replace* the existing with the following :

**POST GRADUATE SCHOLARSHIPS  
(Other than the All-India Scholarships)**

**Clause – 4(a)**

Scholarships each of the value of Rs. 400/- per mensem for both Resident and Non-Resident students shall be awarded each year on the basis of the result of the Honours Courses Examinations, tenable for the duration the respective M.A./M.Sc./ M.Com Courses.

**50. Amendment to Ordinance XXVIII (2) on Scholarships, Fellowships, Medals and Prizes of the Ordinances of the University (Page 613 of the University Calendar, Volume I, 2004)/(E.C. 17.10.2005)**

*Replace* the existing with the following :

**POST GRADUATE SCHOLARSHIPS  
(Commerce & Economics)**

**Amendment Proposed**

**Clause – 1**

There shall be twelve Post-Graduate Scholarships each of the value of Rs. 400/- p.m. tenable for a period of one year to be awarded from May each year to the meritorious students of M.A. Economics and M.Com. registered in the Delhi School of Economics. Out of the twelve Scholarships, eight shall be awarded equally to the students of M.A. Economics Part-I and Part-II and four equally to the students of M.Com. Part-I and Part-II.

**51. Amendments to Appendix II to Ordinance V (2) & VII of the Ordinances of the University regarding introduction of B.Sc. (Honours) in Biological Sciences (E.C.17.10.2005)**

The admission to the newly introduced B.Sc. (Hons.) in Biological Sciences should be open to any science student and should not be restricted to Biology students of XIIth class alone.

The criteria for aggregate of marks in any four of the science subjects as given below:

10. Physics, Chemistry, Biology, Maths,

11. Physics, Chemistry, Maths, Bio-technology
12. Physics, Chemistry, Computer Science, Bio-technology
13. Physics, Chemistry, Computer Science, Biology

However, based on the composition of the students admitted this year, any bias if noticed, can be corrected in future year admissions by changing the admission criteria accordingly to achieve balanced composition of admitted students.

**52. Amendments to Appendix II to Ordinance V(2) & VII relating to B.A. Programme (B.A. Examination) (Page 5 of the University Calendar, Volume II, 1989)(E.C.1.4.2005)**

*Add* the following under Application Course:

1. Creative Writing (in English, Hindi or in any other Indian or foreign language)
2. Translation and Interpreting (in English, Hindi or in any other Indian or foreign language)
3. Mathematics for Social Sciences
4. Basic Statistics
5. Computer Application
6. Banking and Insurance
7. Entrepreneurship and Small Business
8. Tax Management
9. Consumer Affairs
10. Tourism
11. Globalization
12. Mass Communication
13. Voluntary Organizations
14. Legal Literacy
15. Labour and Development in India
16. Nutrition and Health
17. Family and Child Development
18. Life Crisis – Coping and Evolving
19. Disaster Management
20. Indian Art
21. Indian Classical Music
22. Theatre and Performance
23. Film Studies
24. Conflict Resolution and Peace-Building.

**53. Amendment to Appendix VI to Ordinance X (4) of the Ordinances of the University relating to Examination and other Fees (Page 646 of the University Calendar Volume II, 1989.) (E.C. 1.4.2005/15.12.2005).**

Replace the existing with the following :

<i>S.No.</i>	<i>Designation</i>	<i>Amendment approved</i>
1.	Supdt.	Rs. 175/- per session
2.	Dy. Supdt.	Rs. 150/- per session
3.	Addl. Supdt.	Rs. 175/- per session
4.	Invigilator	Rs. 130/- per session
5.	1 <sup>st</sup> Asstt.	Rs. 80/- per session
6.	Addl. Asstt. /2 <sup>nd</sup> Asstt.	Rs. 65/- per session
7.	Care Taker	Rs. 500/- (Lump sum)
8.	Daftri	Rs. 60/- per session
9.	O.A.	Rs. 45/- per session
10.	Safai Karamchari	Rs. 45/- per session
11.	Security Guard	Rs. 45/- per session
12.	Waterman	Rs. 45/- per session
13.	Electrician	Rs. 50/- per session subject to maximum Rs. 1000/-
14.	Refreshment	Rs. 5/- per session / per staff on duty
15.	Clerical Assistance for cash distribution to Practical Examiners in Colleges & Deptts.	2% of actual payment & subject to a minimum of Rs. 250/-

**Note :**

- (i) As far as teacher of the School of Open Learning are concerned, they will not be paid any remuneration for invigilation / supervision for the conduct of Category "B" Examinations during the term time.

Schedule of Remuneration payable to the laboratory staff engaged for rendering assistance at the University Science practical examinations held in the University department and in the Colleges

1.	Superintendent	Rs. 175/-
2.	Invigilator	Rs. 130/-
(To be appointed on the following)		
<i>Subject</i>	<i>Examination</i>	<i>Ratio (Proposed)</i>
Physics and Chemistry	(A) B.Sc. and B.Sc.( (Hons.) Main & Subsidiary	One Invigilator per lab.
	(B) M.Sc.	One Invigilator per lab.

Botany and Zoology	(C) B.Sc. and B.Sc. ( Hons.) Ist & 2 <sup>nd</sup> year (Main & Subsidiary)	One Invigilator per lab.
	B.Sc. (Hons.) III yr. B.Sc. III yr.	One Invigilator per lab.
3.	Sr. Technical Asstt. or any other category of Lab. post carrying the same grade	Rs. 80/- per session of the Examination.
4.	Lab. Asstt. (Sr. Grade). Jr. Tech. Asstt. or any other category of Lab. Post carrying the same grade	Rs. 75/- per session of the Examination.
5.	Lab. Asstt. (Jr. Grade) Field man (for Botany Practical)	Rs. 65/- per session of the Examination.
6.	Lab. Attendant / Music Attendant or any other category of Lab. Post carrying the same grade	Rs. 45/- per session of the Examination.
7.	Chowkidar	Rs. 45/- per session of the Examination per Deptt. or College. Payment to one Chowkidar only per session shall be made. If, for the same session, more-than one Chowk- idar is employed, the payment shall be divided between them.
8.	Safai Karamchari	Rs. 45/- per session of the Examination.
9.	(a) Store-Keeper/ Museum Curator	Rs. 600/- per Store- Keeper / Museum Curator for Annual Examination.

Rs. 275/- per Store-Keeper / Museum Curator for Supplementary Examination.

(b) Helper to the Store-Keeper Rs. 350/- per Helper for Annual Examination.

Rs. 175/- per Helper for Annual Examination.

**Note :** The number of Store-Keepers will not exceed three in Physics and Chemistry Departments in the University and two in other Science Departments of the University.

10. (a) Gas mechanic and Filtered Water supplier (University Departments) Only one in the Department of Chemistry for all the Examinations held in various Departments in the University. The rate of honorarium shall be Rs. 750/- for Annual Examination and Rs. 375/- for Supplementary Examination. If more than one person is employed, the honorarium will be divided between them. It is expected that gas will be supplied to all the Science Departments for all the Examinations.

(b) Helper to the Gas Mechanic and Filtered water supplier (University Departments) There will be two Helpers to Gas Mechanic which are to be paid honorarium at the rate of Rs. 375/- for Annual Exam. and Rs. 180/- for Supplementary Examination. If more than two Helpers are employed, the total honorarium will be divided between them.

**Note :-** Each person in whose case the honorarium payable is prescribed on lump-sum basis, be paid an additional honorarium @ 10% of lump-sum, in case the staff is required to work on Sundays/Holidays, subject to a minimum of Rs. 35/- and a maximum of Rs. 60/-.

**General :-**

- (A) Payment to Laboratory staff at Sr. No. 3 to 6 shall be made for extra session per examination.
- (B) Each Superintendent may appoint a person to render clerical assistance during the practical examinations and the person so appointed may be paid honorarium @ Rs. 50/- per day for all the practical examinations held concurrently subject to a minimum of Rs. 100/-.

The following strength of staff will be permissible for being engaged for a batch of examinees not exceeding 25:

B.Sc. (Genl.) or equivalent examination      Not more than six persons out of categories at Sl. No. 4, 5, 6 & 8 out of which not more than two should be from categories at Sl. No. 4 & 5.

B.Sc. (Hons.) Main subject or equivalent examination      Not more than six persons out of the categories at Sl. No. 3, 4, 5, 6, 7 & 8 out of which not more than one will be from category at S. No. 3 and more than two from categories at S. No. 4 & 5.

M.Sc. or equivalent examination      Not more than seven persons out of the categories at Sl. No. 3, 4, 5, 6 & 8 out of which not more than one will be from category at Sl. No. 3 and not more than two from categories at Sl. No. 4 & 5.

**Note :** For a batch exceeding 25 examinees, for every additional 5 examinees or a fraction thereof, one person from categories at Sl. No. 6 to 8 may be engaged.

In case, where assistance of a Gestetner Operator/Photocopier for cyclostyling question papers is taken, honorarium shall be paid to the Gestetner Operator @ Rs. 30/- per 10 stencils or a fraction thereof.

**Note :**

- (I) The above rates per session (Sl. No. 1 to 12) are applicable where the duration of session does not exceed three hours as laid down in the scheme of examination. Whenever the duration exceeds three hours, 3 to 12 category will be paid additional honorarium @ 25% of the normal honorarium for each session for extra additional hour and a fraction thereof & wherever the practical is of one hour, the honorarium will be 1/3 of the honorarium. Duration of preparation day will be equivalent to the duration of practical examination.
- (II) The person otherwise performing the job of a particular category in his/her official capacity should only be engaged for the similar work in the conduct

of examinations. Any one engaged to perform duties of a category higher than his/her category, will be paid according to the rates applicable to the later category i.e. the category to which he/she belongs and not the higher category.

(III) For Viva-Voce, only 1 Assistant and 1 Daftri will be allowed.

11. Contingent Expenses :

So far as Science Practical Examinations are concerned, contingent expenses may be incurred on the following items:-

- (I) First Aid expenses in case of casualty.
- (II) Stationery needed, if any, not available and or not supplied by the University
- (III) Ice required for drinking water during summer season only.

12. The University Engineer will run an Emergency Cell during the Annual and Supplementary Examination (Theory & Practical) with two or three Electricians/Pipe Fitters/Helpers etc. during the examination hours. The Emergency Cell will be provided with a Telephone and the Cell will attend to the breakdown and other allied work in the University Departments and Colleges in the Campus. The University Engineer will engage persons on Examination duty in Emergency Cell by rotation and persons thus engaged will be entitled to remuneration at the prescribed rates as follows :

Electrician/Pipe Fitter	Rs.60/- per session
Helper	Rs.50/- per session

**Note :**

The person otherwise performing the job of a particular category in his / her official capacity should only be engaged for the similar work during the course of conduct of examinations. Any one engaged to perform the duties of a category higher than his/her category, will be paid according to the rates applicable to the later category i.e. the category to which he/she belongs and not the higher category.

However, the category of staff who is entitled for lump-sum remuneration will not be paid any extra remuneration.

In order to reduce the deficit in the budget, after revision in the conduct and remuneration to the examiners, revision in the examination fee was recommended as follows :

**Revision of Examination Fee**

1. Undergraduate/Postgraduate Courses

After long deliberations, the Committee decided to have a uniform pattern for charging Rs. 50/- per paper in all the undergraduate examinations including

Certificates / Diploma Courses with a minimum of Rs. 200/- for each part/ semester of the Exam. For Postgraduate examinations, the examination fee per paper will be charged @ Rs. 75/- per paper with a minimum of Rs. 300/- for each part / semester of the exam.

2. Professional Courses

Rs. 100/- per paper be charged from a candidate appearing in professional courses subject to a minimum of Rs. 400/- for each part/semester of the examinations.

3. Self-financed courses

Rs. 150/- per paper will be charged from a candidate appearing in Self-financed course subject to a minimum of Rs. 600/- for each part/semester of the examination. MHROD and MIB are already charging Rs. 500/- each semester as an examination fee.

4. For Med. Diploma – Rs. 1,000/- per part be charged from a candidate, for MD/ MS – Rs. 1,500/- be charged per part from a candidate & for DM & MCh. – Rs. 2,000/- per part be charged from a candidate.

5. Wherever there is a practical examination, the fee will be charged @ Rs. 100/- per practical paper from each student.

6. Statement of marks fee for Rs. 25/- + Exam. Form Fee for Rs. 10/- per candidate will be charged extra from all the students.

7. In the case of students belonging to School of Open Learning, the Overseas charges in respect of those settled abroad, offering Nepal, Srilanka, Bangladesh, Pakistan, Maldives, Bhutan as centre of examination, be revised from Indian Rs. 500/- to Rs. 1000/-.

8. In the case of students residing abroad and offering examination centre outside India but other than those mentioned at serial no. 7 mentioned above, the University examination fee in respect of B.A./B.Com (Pass) Course be revised from US \$ 110 to US \$ 250 and for B.A.(Hons.)/B.Com(Hons.)/P.G. Courses, the University examinations fee be revised from US \$ 140 to US \$ 300.

9. It is recommended that the examination fee be taken from the students at the time of admission.

It was decided to increase the rates for :

	<i>Amendment approved</i>
(i) Duplicate Degree	Rs. 600/-
(ii) Duplicate Degree for more than 10 years old	Rs. 1000/-
(iii) Degree in advance of the Annual Conv.	Rs. 500/-
(iv) Result in advance	Rs. 500/-
(v) Special/Migration/Provisional Certificate	Rs. 200/-



(vi)	Thesis Submission	Rs. 2000/-
(vii)	Degree in Absentia	Rs. 500/-
(viii)	Verification of Degree	Rs. 500/-
(ix)	Verification of Degree	US\$ 50/-
(x)	Transcript upto 5 years	Rs. 200/- (per transcript)
(xi)	Transcript above 5 years	Rs. 400/- (per transcript)
(xii)	Revaluation per paper	Rs. 200/-
(xiii)	Rechecking per paper	Rs. 100/-
(xiv)	Duplicate Marksheet (current year)	Rs. 100/-
(xv)	Duplicate Marksheet upto 10 years	Rs. 200/-
(xvi)	Duplicate Marksheet above 10 years	Rs. 500/-
(xvii)	Special Chance Fee	Rs. 500/-
(xviii)	Ex-student fee	Rs. 200/-
(xix)	Late fee	Rs. 50/- (16 <sup>th</sup> Oct. to 31 <sup>st</sup> Oct.) Rs. 75/- (1 <sup>st</sup> Nov. to 15 <sup>th</sup> Nov.) Rs. 100/- (16 <sup>th</sup> Nov. to 30 <sup>th</sup> Nov.) Rs. 100/- (1 <sup>st</sup> Dec. to 15 <sup>th</sup> Dec.) Rs. 100/- (16 <sup>th</sup> Dec. to 31 <sup>st</sup> Dec.) Rs. 100/- (1 <sup>st</sup> Jan. to 15 <sup>th</sup> Jan.) Rs. 100/- (16 <sup>th</sup> Jan. to 31 <sup>st</sup> Jan.) Rs. 100/- (1 <sup>st</sup> Feb. to 15 <sup>th</sup> Feb.)

The revised programme for charging late fee after the prescribed date thus gives rise to an increase of the late fee to Rs. 725/-

(xx)	Enrolment Fee		
	Courses with duration of	1 Year	Rs. 100/-
	- do -	2 Years	Rs. 150/-
	- do -	3 Years	Rs. 200/-
	- do -	4 Years	Rs. 250/-
	- do -	5 Years	Rs. 300/-
	And for any subsequent course of study by students who have already passed one course		Rs. 50/-

After obtaining the complete data with regard to rates being paid currently for setting of QPs and evaluation of answer books for all the examinations being held in the University, the justifiable corresponding increase in setting of QPs and evaluation of answer books have been recommended including the practical examinations w.e.f. Annual Examinations, 2005.

**B.A.**

<i>Examination</i>			<i>Amendment approved</i>
	Setting of Question Paper (Rs.)	Evaluation Charges (Rs.)	Minimum Fee for Setting of Ques. Paper & conduct of Pract. Exam. by the paper setter or when the Examiner has not set the paper
B.A./B.A.(Voc. Subject) /B.Com. (Pass)/B.Sc/ Subsidiary subjects for Honours Courses	550/-	12/-	-----
B.A. in Geography/ Psychology	*250/-(to be divided equally	15/-	250/-
B.A. Music	-----	30/-	-----
B.A. for setting translation passages in MIL	250/-	7/-	-----

**Undergraduate (Certificate/Diploma)**

<i>Examination</i>			<i>Amendment approved</i>
	Setting of Question Papers (Rs.)	Evaluation Charges (Rs.)	Minimum Fee for Setting of Ques. Paper & Conduct of Pract. Exam. by the Paper Setter or when the Examiner has not set the Paper
All Certificate/Diploma/ & Adv. Diploma Examinations in Modern	550/-	15/- & 12/- for Diploma Sangeet	-----

Indian Languages and Sanskrit/Modern Arabic/ Modern Persian		Shiromani (Music)	
All Certificate/Diploma/ Advanced Diploma Examinations in Modern Indian Languages/Sanskrit/ Modern Arabic/Modern Persian	————	15/-	450/-
Certificate Course in Forensic Science	750/-	18/-	————
Diploma in Pali Language and Literature except Paper – IV	750/-	18/-	————
All Certificates and Diploma Exams.in Modern European Languages	550/-	15/-	————
Certificate Course in Forensic Science	600/-	25/-	400/-
Dipl. in Pali Language and Literature (ORAL)	————	25/-	425/-
All Certificates and Diploma Examinations in M.E.L. (Oral-Board of Two Examiners)	————	15/-(Per Candidate per examiner with a minimum of Rs. 450/-)	————
All Diploma under the Faculty of Medical Sciences	450/-	15/-	————
Diploma in Sangeet Shiromani (Hindustani/ Karnatak Music)	————	25/-	400/-

**B.Sc. Programme**  
**in**  
**Physical Sciences, Life Sciences Applied Physical Sciences and**  
**Applied life Sciences**

<i>Examination</i>	<i>Amendment approved</i>		
	Setting of Question Paper (Rs.)	Evaluation Charges (Rs.)	Minimum Fee for Setting of Ques. Paper & conduct of Pract. Exam. by the Paper Setter or when the Examiner has not set the Paper
B.Sc. (Physical Education)	550/-	12/-	————
B.Sc./B.Sc. Home Sc.Subs. subject for Hons.	550/-	12/-	————
B.Sc. /Subsidiary Math. Stat/Botany, Zoology & Anthropology/ Comp. Sc.	*250/-	15/-	250/-
B.Sc. Subsidiary Physics	*250/-	18/-	250/-
B.Sc. Physics Practical including Project Report (III - Year)	*250/-	22/- (Per Candidate to each examiner)	250/- (Per session to each examiner)
B.Sc. /Subsidiary Chemistry	*250/-	22/-	250/-
B.Sc. (Pass) Home Sc. except Physics & Chemistry Papers	*250/-	15/-	250/-

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\*Amount to be divided.

B.Sc. (Pass) Home Sc. (Physics Paper Only)	*250/-	18/-	250/-
B.Sc. (Pass) Home Sc. (Chemistry Paper Only)	*250/-	22/-	250/-
B.Sc. (Physical Education)	*250/-	15/-	250/-
B.Sc. (Med. Tech.) Radiography	600/- per paper	15/-	————

### Undergraduate [B.Sc.(H)]

<i>Examination</i>	<i>Amendment approved</i>		
	Setting of Question Paper (Rs.)	Evaluation Charges (Rs.)	Minimum Fee for Setting of Ques. Paper & conduct of Pract. Exam. by the Paper Setter or when the Examiner has not set the Paper
B.Sc. (Hons.) All Subjects	*600/-	15/-	————
B.C.A. / B.Sc. (Hons.) Computer Sc.	*600/-	15/-	————
B.Sc. (Hons.) Pt. – I / III PRACTICAL ONLY	*550/-	22/-	400/-
B.Sc. (Hons.) Physics Practical including Project Report (III Year)	*550/-	30/-	————
		(Per Candidate to each examiner)	
B.Sc. Nursing	*550/-	18/-	400/-

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\*Amount to be divided.

B.Sc. (Hons.)	*550/-	22/-	400/-
B.Sc. (Hons.) Physics (Practical Written Test )	*600/-	*9/-	————
Papers VII, VIII	– Part – I		
XV, XVI	– Part – II		
XXIII	– Part – III		

### **B.A. (Honours)**

B.A. (Hons.) / B.Com (Hons.) / Certificate in Translation (English – Hindi) / Diploma in Geography / Diploma in International Law & International Institutions / Post Graduate Dip. in Tourism / Book Publishing	600/-	15/-	————
B.A. (Hons.) in Urdu/Arabic / Psychology / Geography / B.Com. (Hons.) for practical examination	550/-	18/-	400/-
B.A. (Hons.) Music	————	30/-	400/-
B.A. (Hons.) for setting the passages in MIL	250/-	8/-	————
M.A./M.Com./Post M.A. Dip. in Urdu Paleography/Urdu Translation/Dip. in Adult & Cont. Education	750/-	18/-	————
M.A. in Philosophy/ Psychology/ Geography/Arabic	600/-	20/-	450/-

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\*Amount to be divided.

M.A. Music	—	35/-	450/-
M.A. for setting passage in MIL	300/-	8/-	—
M.A./M.Sc./MCA/ M.Pharma/MIB/ MHROD Physical Education & Sports/ P.G Diploma (Computer Science)	750/-	18/-	—
M. Nursing (Prev./ Final)/M.A./ M.Sc./ Math.Stat. (Prev./ Final)/M.A./ M.Sc. Operational Research	*600/- (to be divided equally)	25/-	425/-
Re-valuation Charges for Under-graduate Post-graduate courses	—	25/- (per answer-book)	—

#### **Postgraduate Diploma**

Post M.A. Diploma in Urdu Paleography	—	35/-	450/-
Post Graduate Diploma in Dietactics and Pub. Health Nutrition/ Diploma in Occupational Psychology & Ind. Relations/ Cert. Course in Office Supervision for Women	900/-	15/-	—
P.G Diploma in Linguistics/ M.B.A./Diploma in Marketing and Sales Management/Business Mgt. and Industrial Mgt./Personal Mgt.	750/-	18/-	—

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\*Amount to be divided.

Post Graduate Diploma in Dietetics and Public Health Nutrition	*550/- (amount to be divided)	25/-	425/-
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B.Ed./P.G Diploma in Physical Education (One Year)	—————	25/- (Per lesson to each examiner)	750/-
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**Postgraduate M. Tech.**

M.Tech. in Microwave Electronics	850/-	18/-	—————
M.Phil	900/-	20/-	—————
Master of Lib. Sc. (All Papers except Paper IX)	750/-	18/-	—————

Master of Lib. Sc. (Paper IX-Current Problems in Librarianship: Team Project Report)	—————	*260/- (Mini- mum of Rs. 450/- to each examiner)	—————
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M.Phil	900/-	—————	20/-
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M.Sc. (Prev./Final)	*600/- (amount to be divided)	25/-	425/-
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M.Pharma.	*750/- (Per examiner for each day, subject to a maximum of two days for each practical exam.)	—————	—————
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M.Physical Education & Sports	*600/-	25/- (Per candidate)	—————
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\*Amount to be divided.



MBBS/BDS	*600/- Per Paper	*12/-(Each Part)	_____
M.Sc./M.D./M.S./ D.M./M.Ch.	*425 Per Paper	*18/-	_____
LL.B. (Three Year Course)	650/-	18/-	_____
M.C.L./LL.M. Fee for setting a question paper	850/-	_____	_____
Fee for examining an Answer-Book			
i)	Rs. 15.00 subject to a minimum of Rs. 280.00	Rs. 20/- subject to a minimum of Rs. 450/-	_____
ii)	Rs. 400.00 for examining a Research Paper	Rs. 575/- for examining a Research paper	_____

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\*Amount to be divided.

**REMUNERATION PAYABLE FOR EVALUATION OF  
DISSERTATION ETC.**

**Remuneration for evaluation of  
dissertation/Project Reports/  
Field Work Report etc.**

Examination	Where Viva-Voce included as Part of Evaluation (Rate per dissertation etc.)	Where Viva-Voce is not included as Part of evaluation (Rate per dissertation etc.)	For the Conduct of Viva-Voce of Examination (Rate per candidate)	Minimum Remuneration Payable to an Examiner for Evaluation of Dissertation etc. and/or conduct of Viva-Voce examination)
B.A. (Hons.)	*450/-	*250	*150/-	450/-
M.Lib.Sc. (Paper-IX Team Project Report)	————	250/-	————	450/-
B.A.(VS) Store Keeping/ Store A/C Salesmanship	————	70/-	————	450/-
B.F.A. (Submission Work)	————	70/-	————	600/-
Post Graduate Diploma in Tourism/Book Publishing	————	250/-	30/-	450/-
M.A./ Post M.A. Diploma Adult Continuing Education	*450/-	*450/-	270/-	750/-
M.A. (Music)	————	250/-	————	450/-
Post M.A. Diploma in Urdu Translation	————	450/-	————	650/-
M.Phil	900/-	750/-	300/-	————

\*Amount to be divided.

Rs. 270/- to be paid to the Chairman of the Board for co-ordinating the work of the Board in all cases where he/she is not one of the Examiner appointed to evaluate the Project Reports/dissertation etc.

\*To be divided equally amongst the examiners evaluate the dissertation etc. conducting the Viva-Voce examination with a minimum remuneration as proposed under column above.

M. PHIL. ENGLISH	ORALEXAMINATION
External Examiner	Lump-sum honorarium of Rs. 900/-
Internal Examiner	Rs. 600/- to each per session.
M. PHIL.	PRACTICAL EXAMINATION
Rs. 200/- per candidate	(to be divided equally amongst the examiners subject to a minimum of Rs. 450/- per day to each examiner).

**Rates for Remuneration for the Oral and Practical Examination**

Examination	For Setting a paper	For Examining each candidate per examiner	Minimum fee (per examiner for conduct of practical examiners)
	(Rs.)	(Rs.)	(Rs.)
M.Sc. (Prev./Final)	*600/-	25/-	425/-
Certificate Course in Forensic Science	*600/-	25/-	400/-
M.Nursing (Prev./Final)	*600/-	25/-	425/-
M.A./M.Sc./Math. Stat./ (Prev./Final)/			
M.A./M.Sc. Operational Research			
M. Pharma.	*750/- (Per examiner for each day, subject to a maximum of two days for each practical exam.)	—————	—————

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\*Amount to be divided.

Post Graduate Diploma in Dietetics and Public Health Nutrition	*550/-	25/-	425/-
Dipl. in Pali Language and Literature (ORAL)	————	25/- (Per examiner)	425/-
B.Pharma/Dipl. in Pharmacy :			
I – Year	————	18/-	250/-
II – Year	————	20/-	400/-
III – Year	————	20/-	425/-
IV – Year	————	25/-	425/-
All Certificates and Diploma Examinations in M.E.L. (Oral-Board of Two Examiners)	————	*15/- (Per candidate per examiner with a minimum of Rs.400/-)	————
B.Sc. /Subsidiary Math. Stat/Botany, Zoology & Anthropology/ Comp.Sc.	*250/-	15/-	250/-
B.Sc./Subsidiary Physics	*250/-	18/-	250/-
B.Sc./Physics Practical including Project Report (III - Year)	*250/-	22/- (Per candidate to each examiner)	250/- (Per session to each examiner)
B.Sc. (Hons.) Pt.-I/III PRACTICAL ONLY	*550/-	22/-	400/-
B.Sc.(Hons.) Physics Practical including Project Report (III Year)	*550/-	30/- (Per candidate to each examiner)	400/- (Per session to each examiner)

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\*Amount to be divided.

B.Sc. /Subsidiary Chemistry	*250/-	22/-	250/-
B.Sc. (Pass) Home Sc. except Physics & Chemistry Papers	*250/-	15/-	250/-
B.Sc. (Pass) Home Sc. (Physics Paper only)	*250/-	15/-	250/-
B.Sc. (Pass) Home Sc. (Chemistry Paper only)	*250/-	22/-	*250/-
B.Sc. Nursing	*550/-	18/-	400/-
B.Sc. (Hons.)	*550/-	22/-	400/-
B.Sc. (Hons.) Physics (Practical Written Test) Papers VII, VIII - Part – I XV, XVI - Part – II XXIII - Part – III	*600/-	*9/-	————
M. Physical Education & Sports	*600/-	25/- (Per Candidate)	————
Report on Practical Work OR Essay (M.P.Ed. Sc.)	————	200/- (Per Report/ Essay to each examiner)	————
B.Ed./P.G Diploma in Physical Education (One Year)	————	25/- (Per lesson to each examine)	750/-
B.Sc. (Physical Education)	*250/-	15/-	250/-

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\*Amount to be divided.

Examination	Remuneration for Evaluation of Dissertation/projects reports/ field Work Report etc. Where VIVA is		For the Conduct of Viva-Voce Examinations (Rate per Candidate)	Remuneration payable to Examiner for Evaluation of Dissertation etc.or Conduct of Viva-Voce Exams.
	<i>Included</i> As part of Evaluation (Rate per Dissertation etc.)	<i>Not Included</i> As part of Evaluation (Rate per Dissertation etc.)		
	(Rs.)	(Rs.)	(Rs.)	(Rs.)
B.Sc. (Hons.)	*450/-	*250/-	*160/-	450/-
M.A./M.Sc.	*750/-	*450/-	*260/-	750/-
M.Phil	900/-	750/-	260/-	_____
M.Tech.	**850/-			
M. Pharma.	750/- (Per candidate per Examiner)	_____	_____	_____
M.B.A.	250/- (To be divided amongst the joint examiners, subject to a minimum of Rs.450/- to each)	_____	_____	_____
Post M.A. Diploma in Adult Education	*750/-	*450/-	270/-	750/-
M. Physical Education & Sports Sc.	*550/-	*400/-	*225/-	580/-
Calculated on the above basis will be equally divided among them.				
M.Tech Practical Training Report			700/- (Lump sum per examiner)	
M.Tech Practical			500/- (Per day per examiner, subject to a minimum of two days for each paper)	

\*Amount to be divided equally amongst the examiners evaluating the dissertation etc. conducting the Viva-Voce Examination with a minimum remuneration as provided.

\*\*The rates given is per candidate (including Viva-Voce Examination) to each examiner payable for two examiners only. In case the number of examiners is more than two, the total remuneration i.e. Rs. 1700/- payable to two examiners.

REVISED RATES OF CONVEYANCE CHARGES PAYABLE TO EXAMINERS  
EFFECTIVE FROM ANNUAL EXAMINATIONS, 2005 FROM THE DATE OF  
APPROVAL BY THE EXECUTIVE COUNCIL.

The following rates of conveyance charges shall be payable to examiners for authorised visits to University for examination work including submission of Question Papers irrespective of the mode of conveyance used (whether the journey is performed by hired conveyance or by own car)

<i>S.No.</i>	<i>Particulars</i>	<i>Amendment Approved</i>	<i>(Rs.)</i>
1.	Journey performed within a radius not exceeding 3 Kms.	Upto 6 Kms. (to and fro)	50/-
2.	Journey performed within a radius exceeding 3 Kms. but not exceeding 6 Kms.	Upto 6 Kms. (to and fro)	50/-
3.	Journey performed within a radius exceeding 6 Kms. but not exceeding 9 Kms.	Upto 12 Kms. (to and fro)	100/-
	Journey performed within a radius exceeding 9 Kms. but not exceeding 12 Kms.	Upto 12 Kms. (to and fro)	100/-
4.	Journey performed within a radius exceeding 12 Kms. but not exceeding 15 Kms.	Upto 18 Kms. (to and fro)	160/-
	Journey performed within a radius exceeding 15 Kms. but not exceeding 18 Kms.	Upto 18 Kms. (to and fro)	160/-
5.	Journey performed within a radius exceeding 18 Kms. but not exceeding 21 Kms.	Upto 24 Kms. (to and fro)	200/-
6.	Journey performed within a radius exceeding 21 Kms. but not exceeding 24 Kms.	Upto 24 Kms. (to and fro)	200/-
7.	Journey performed within a radius exceeding 24 Kms. but not exceeding 27 Kms.	Upto 27 Kms. (to and fro)	320/-
8.	Journey performed exceeding 27 Kms.	Upto 27 Kms. (to and fro)	320/-

NOTE

1. The distance will be calculated:
  - (a) From the place of duty or the examiner's residence, whichever is nearest to the place of examination, if the examination is held on a working day.
  - (b) From the place of residence to the place of examination, if the examination is held on SUNDAY/HOLIDAYS or DURING VACATIONS.
  - (c) The rates mentioned in the schedule are for journeys performed both ways.

**Rates Not Covered in General Category.**

Minimum charges for evaluation is proposed @ Rs. 50/-  
& revaluation @ Rs. 100/- to the examiners

Revision of rates of Rs. 2.50 to Rs. 3.50 per day for hiring furniture irrespective of number of days and number of desk and chairs required (cartage will be paid extra upto 3 days). The chair & table set is hired @ Rs. 2.50 per set since 1998.

Revision of rates from Rs. 2/- to Rs. 3/- towards sitting charges in Schools and for Category 'B' exams. only in Colleges.

Secrecy work – Minimum charges for Secrecy Officer is proposed Rs. 0.80/- to Rs. 1.30/-.

Translator's rates be revised from:

- i) Rs. 70/- per paper to Rs. 120/- per paper for B.A. (P)/B.Com.(P) courses.
- ii) Rs. 85/- per paper to Rs. 140/- per paper for Honours Courses including Science courses and B.Sc. (G) course.
- iii) Rs. 100/- per paper to Rs. 175/- per paper for P.G. Examination including Law courses.

The Committee may consider for revision of rates at different levels after three years. Similarly, the fees for various examinations be revised suitably.

EC may authorize Vice-Chancellor that on the recommendations of O.S.D. (Examinations) through the Chairman of the Committee, to approve the cases, which could not be included/left out, if any.



Rates for Tabulation and Scrutiny of examination results w.e.f. annual examinations 2005 \*Part III rates (with IA marks) to be effective from 2006. (For regular Students)

Tabulation (per candidate)		New Rates proposed by the committee w.e.f. 2005		
Courses (regular college Students with IA)	Part I Rs.	Part II Rs.	*Part III Rs.	
B.A. } B.Com. (Pass) }	4.50	6.50	9.00	
B.A. (Honours) } B.Com. (Honours) } B.Sc. (Honours) } B.Sc. (General) }	5.00	7.00	9.50	
M.A./M.Com./ M.Sc. }	5.50	7.50	10.00	
L.L.B.- Term I/II			- 3.00	
Term (III & I Simul.)/Term (IV & II Simul.)			- 4.50	
Term (V, III & Simul.)			- 6.50	
Term (VI, IV & II Simul. Final result)			- 9.00	
Professional courses (Semester/Part)			Rs. 6.50	
Professional courses (including B.Ed.) - (Final exam)			Rs. 9.00	
B.Tech - Part I			Rs. 6.50	
Part I & II			Rs. 9.50	
Part I, II & III			Rs. 13.00	
Part IV (final)			Rs. 20.00	
<b>Scrutiny (per candidate) (with IA marks)</b>				
Courses	Part I	Part II	Part III	
	1.50	2.00	2.50	
Professional	2.00			
Professional (final)	3.00			
B.Tech. (Final)	4.00			
<b>(for non-formal &amp; others courses without IA)</b>				
Tabulation (per candidate) :				
Courses	Part I	Part II	Part III	
(B.A./B.Com. without IA)	2.25	3.50	5.00	

B.A. (Hons.) B.Com. (Hons.)/B.Sc. (Hons.) & others not specified { without IA marks}

Courses	Part I	Part II	Part III
	3.00	4.25	5.75

M.A./M.Com./M.Sc. (without IA)\_

CC/ECC/NCWEB Candidate	Part I- 4.00	Part II- 6.00	
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Scrutiny (per candidate) (without IA)

Courses	Part I	Part II	Part III
	1.00	1.25	1.50

*Misc :*

1. Comparison of computerised result with manual result  
- Same rates as applicable to the scrutineer for the respective Part.
2. Second checking of results notification  
-half of the rate of scrutiny of the respective Part
3. Revaluation/revised notification cases  
-Part I rates of the respective course
4. All rates are inclusive of 50% as conveyance charges.

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