

Maharshi Dayanand University, Rohtak-124 001.
B.A./ B.Sc. (Hons.) Geography
Scheme of Examination

B.A./ B.Sc. (Hons.) programme in Geography shall be of three years duration spread over six semesters. Each semester shall consist of four theory papers and one practical paper carrying 100 marks each. The theory papers will comprise of 80 marks for end-semester examination and 20 marks for internal assessment. The first two semesters shall contain two theory papers from other than Geography. The end-term examination of all theory and practical papers shall be of three and four hours respectively. A Board of three examiners including the teacher teaching the Course shall conduct the Practical Examination in the Department. The Two Examiners shall be appointed by PGBOS from among the Professors and Readers (one each) from the university department by rotation.

Paper No.	Nomenclature	End -Term Exam	Internal Assessment
	Semester- I Examination (2010-11)		
101	Introduction to Geography	80	20
102	Fundamentals of Human geography	80	20
103	Basic concepts in Sociology	80	20
104	English-I	80	20
105	General Cartography (Practical)	100	
	a. Lab Test	60	
	b. Practical Record	30	
	c. Viva-voce	10	
	Semester-II Examination (2010-11)		
201	Fundamentals of Physical Geography	80	20
202	Ecology and Environment	80	20
203	Foundation course in Economics	80	20
204	English-II		
205	Representation of Physical Features (Practical)	100	
	a. Lab Test	60	
	b. Practical Record	30	
	c. Viva-voce	10	
	Semester-III Examination (2011-12)		
301	Geomorphology	80	20
302	Environment and Resources	80	20
303	Geography of India-Physical Environment	80	20
304	Oceanography	80	20
305	Thematic Cartography (Practical)	100	
	a. Lab Test	60	
	b. Practical Record	30	
	c. Viva-voce	10	

	Semester-IV Examination (2011-12)		
401	Climatology	80	20
402	Contemporary Human Geography	80	20
403	Geographical Basis of Society in India	80	20
404	Economic Geography	80	20
405	Basic Principles of Land-Surveying (Practical)	100	
	a. Lab Test	60	
	b. Practical Record	30	
	c. Viva-voce	10	
	Semester-V Examination (2012-13)		
501	Bio-Geography	80	20
502	Geography of SAARC Countries	80	20
503	Economic Geography of India	80	20
504	Statistical Techniques in Geography		
505	Techniques in Geography and Field Survey (Practical)	100	
	a. Lab Test	45	
	b. Practical Record	20	
	c. Field Report	20	
	d. Viva-voce	15	
	Semester-VI Examination (2012-13)		
601	World Regional Geography	80	20
602	Regional Geography of India	80	20
603	Geography of Haryana	80	20
604	Regional Planning in India	80	20
605	Fundamentals of Remote Sensing and GIS (Practical)	100	
	Interpretation of Aerial Photographs	45	
	a. Lab Test	20	
	b. Practical Record	20	
	c. Viva-voce	15	

B.A./B.Sc. Hons in Geography(2010-11 onwards)
Paper 101
Introduction to Geography Max.

Marks:100
End- term exam:80
Internal Assessment:20

Unit-I

The nature of geography – Study of the following viewpoints: areal differentiation, landscape school, locational school, recent viewpoints; Core geographic concepts: Location, direction, and distance; Size and scale; Physical and cultural attributes; The changing attributes of place; interrelations between places; The structured content of place – density, dispersion, pattern; place similarity and regions

Unit II

General character of Geography in the ancient period – contributions of Greeks and Romans: Herodotus, Eratosthenes, Strabo, Ptolemy: contributions of Chinese scholars

Character of geography in medieval period: Geography in Europe, Geography in Arab world

Unit-III

Age of Exploration and Discoveries: Contribution to expansion of geographic horizons; Revival of geography as scientific discipline- contribution of Varenus

Unit-IV

Physical and Human Geography; Systematic and Regional Geography :Complementarity

Note: - The question paper will have five units. Each of the first four units of the question will contain two questions from each unit of the syllabus. Candidate(s) are required to attempt one question from each unit. Unit-V shall be compulsory and contain 8 short answer type questions covering the entire syllabus. All questions carry equal marks.

References:

Dikshit, R. D. 1994: geographical thought- A Contextual history of Ideas' New Delhi: Prentice hall of India

Tozer,H.F. 1975: A History of Ancient Geography,New Delhi: Ess Ess Publications

Martin, G.J. and P. E. James1993:All Possible worlds: A history of geographic Ideas, New York, John Wiley

Paper 102
Fundamentals of Human Geography

Max. Marks:100
End- term exam:80
Internal Assessment:20

Unit-1

Human Geography: Nature and Scope; Branches of Human Geography; The World Population: Distribution, density and growth- Concept, determinants and patterns: The Demographic Transition, population theories - Malthus, Human Development- measuring human development

Unit-II

The classification of economic activity: Primary activities- Agriculture- pattern, characteristics and types of world agriculture. Von Thunen's model of agricultural location. Secondary activities- locational decisions in manufacturing. Weber's least cost theory of industrial location, Transnational Corporations

Unit -III

Tertiary and Quaternary activities: types of tertiary, quaternary activities, Modes of Transportation, communication, Edward Ullman's model of spatial interaction; International trade – types, composition and direction.

Unit-IV

Human Settlements; Types and patterns of rural settlements, classification and types of urban settlements

Note: - The question paper will have five units. Each of the first four units of the question will contain two questions from each unit of the syllabus. Candidate(s) are required to attempt one question from each unit. Unit-V shall be compulsory and contain 8 short answer type questions covering the entire syllabus. All questions carry equal marks.

(Reading list to be supplied later)

Paper 103
Basic Concepts in Sociology

Max. Marks:100
End- term exam:80
Internal Assessment:20

UNIT- I

Nature, Definition & Scope of Sociology: Its Relationship with History, Economics, Political Science, Anthropology and Psychology.

UNIT- II

Basic Concepts: Its Nature and Characteristics, Social Structure, Status & Role, Society, Community, Association, Norms and values.

UNIT- III

Social Groups and Processes: Nature, Definition & Types: Primary Secondary & Reference Group, Integration, Cooperation and Conflict.

UNIT- IV

Socialization and Social Institutions: Definition, Stages and Agencies of Socialization; Nature, Characteristics and Significance of Economic and Political Institutions.

Note: - The question paper will have five units. Each of the first four units of the question will contain two questions from each unit of the syllabus. Candidate(s) are required to attempt one question from each unit. Unit-V shall be compulsory and contain 8 short answer type questions covering the entire syllabus. All questions carry equal marks.

Reading List:

- Ahuja, Ram (2001): **Indian Social System**, New Delhi : Rawat Publication.
- Ahuja, Ram (2003): **Society in India**, New Delhi: Rawat Publication.
- Bottmore, T.B. (1972) **Sociology : A guide to Problems and Literature**, Bombay : George Allen and Unwin (India).
- Fulcher & Scott (2003): **Sociology**, New York: Oxford University Press.
- Giddens, Anthony (2005): **Sociology**, Polity Press.
- Harlambos, M. A. (1998) **Sociology: Themes and Perspective**, New Delhi: Oxford University Press.
- Harlambos & Holborn (2000): **Sociology**, London: Harper- Collins.
- Inkless, Alex (1987): **What is Sociology?** New Delhi: Prentice Hall of India.
- Johnson, Harry M. (1995): **Sociology: A Systematic Introduction**, New Delhi: Allied Publishers.
- MacIver and Page (1974) : **Society: An Introductory Analysis**, New Delhi: Macmillan & Co.
- P.Gisbert (2010): **Fundamental of Sociology**, New Delhi: Orient Blackswan.

Paper 104
English-I

Max. Marks: 100
End- term exam: 80
Internal Assessment: 20

Unit-I (Poetry)

The following poems from *The Chronicles of Time* edited by Asha Kadyan (Oxford University Press)

1. *Let Me Not to the Marriage of True Minds* by William Shakespeare.
2. *Death Be Not Proud* by John Donne.
3. *On His Blindness* by John Milton.
4. *Shadwell* by John Dryden.
5. *Know Then Thyself* by Alexander Pope
6. *The little Black Boy* by William Blake
7. *Three years she grew in Sun and Shower* by William Wordsworth

Unit-II (Phonetics and Grammar)

1. **Phonetics:** Introduction to the Sound System of English; Phonetics Symbols, Organs of Speech, Transcription of Words, (*Oxford Advance Learner's Dictionary* by Hornby to be followed)
2. **Grammar:** Parts of Speech, Types of Sentences, Common Errors, technical writing (application writing, business letter).

Note: Instructions for the paper - setter and the students:

Q. No. 1 : Explanation with reference to the context. The students will be required to attempt two passages out of the given four from the book of poems.

8 x 2 = 16 Marks

Q. No. 2: Two questions(with internal choice) will be asked based on theme, central idea, message and narrative technique of the poem.

8 x 2 = 16 Marks

Q. No. 3: The question will be based on the Sound System of English language having internal choice.

16 Marks

Q. No. 4: The question will be based on grammar. There will be internal choice with 16 sentences out of 24 to be attempted.

16 Marks

Q. No. 5: The question will be based on technical writing. There will be internal choice.

16 Marks

Reading List:

1. *High School Grammar* by Wren and Martin
2. *A Remedial English Grammar for Foreign Students* by F.T. Wood
3. *Essentials of communication* by D. G. Saxena

Paper 105
General Cartography

Max. Marks:100
Lab Test 60
Practical Record 30
Viva-voce10

Unit-I

Basic Concepts of Cartography: Meaning, nature and subject matter of Cartography;
Maps – Elements and Classification of maps

Unit-II

Map Scales.

- (i) Methods of Expressing a scale
- (ii) Conversion of Statement of Scale into R.F. and vice-versa.
- (iii) Plain Scale (Km and mile)
- (iv) Comparative Scale
- (v) Diagonal Scale

Unit-III

Measurement of Distances and Areas on Maps; Enlargement and Reduction of Maps;
Latitude and Longitude; Global Time- Standard time, World time-zones, International
date-line

Note:

1. At least fifteen exercises are to be prepared from Unit-II and Unit-III covering all the topics.
2. In the examination, the lab test shall comprise of six questions in all with at least two questions from each unit. The candidate has to attempt three questions selecting one from each unit.
3. All questions carry equal marks.

(Reading list will be supplied later)