

**University of Rajasthan
Jaipur**

SYLLABUS

Three/Four Year U.G. Programme in Arts/Science

B.A.(UG9101)/B.Sc. Biology (UG0802)/B.Sc. Maths (UG 0803)

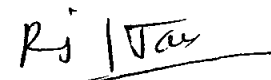
SUBJECT: GEOGRAPHY

(2023-24)

Rj. Vay
Dy. Registrar
(Academic)
University of Rajasthan
JAIPUR
B.M.

SEMESTER WISE PAPER TITLES WITH DETAILS

Three/Four Year U.G. Programme in Arts/ Science Subject: Geography									
S. No.	Level	Semester	Type	Title	Credits				Contact Hours
					L	T	P	Total	
1.	5	I	MJR	GEO-51T-101 Physical Geography-I	4	0	0	4	4
2.	5	I	MJR	GEO-51P-102 Practical-I	0	0	2	2	4
3.	5	II	MJR	GEO-52T-103 Human Geography	4	0	0	4	4
4.	5	II	MJR	GEO-52P-104 Practical-II	0	0	2	2	4


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Syllabus

B.A.(UG9101)/ B.Sc. Biology (UG0802)/B.Sc. Maths (UG 0803)

Semester I (2023-24)

GEO-51T-101-Physical Geography-I

Code of Course	Title of the Course	Level of the Course	Credits of the Course
GEO-51T-101	Physical Geography-I	5	4
Types of the Course	Delivery type of the Course		
Major	Lecture, 60 Lectures including diagnostic and formative assessments during lecture hours		
Prerequisites	Central Board of Secondary Education or Equivalent		
Objectives of the Course	To attain knowledge in detail about physical geography and associated branches.		

Duration- 3Hours

Max. Marks- 20+80

Min.Marks-8+32

Pattern of Examination	Bifurcation of Marks
Part A	10 × 2 = 20
Part B	15 × 4 = 60
Total	80

***Note:**

1. Internal assessment will be as per University Norms.
2. End Semester Examination question paper will comprise of two parts : Part A and Part B.
3. Part A will comprise of TWO questions consisting Map Work and Multiple-Choice Questions (MCQs)/ Short Answer type questions.
4. Part B will comprise of FOUR descriptive questions with Internal choice from each unit.
5. In all student will have to attempt total 6 questions, 2 questions from Part A and 4 questions from Part B.

Unit – I

Definition, Scope & Development of Physical Geography. Origin of the Earth-The Big-Bang Hypothesis; The Interstellar Dust Hypothesis. Geological History of the Earth. Origin of the Continents & Oceans- Continental Drift Theory; Plate Tectonic Theory.

Unit– II

Interior of the Earth.Earth Movements–Endogenetic&Exogenetic.Isostasy–viewsofAiry; Pratt & Holmes. Volcanoes & Earthquakes.

Unit– III

Mountain Building Theories– Kobber & Holmes. Rocks– Classifications & Characteristics. Denudation- Erosion & Weathering; Cycle of Erosion– views of W.M. Davis & W. Penck. Drainage System & Pattern.

Unit– IV

Erosional & Depositional Work and Topographies of River, Underground Water, Glaciers, Wind & Oceanic Waves.

Recommended Readings:

- Bloom, A.L.(2003).Geomorphology:ASystematicAnalysisofLateCenozoicLandforms.New Delhi: Prentice-Hall of India.
- Christopherson, Robert W.(2011).Geo-systems:AnIntroductiontoPhysicalGeography8Ed. England: Macmillan Publishing Company.
- Ernst,W.G.(2000).Earthsystems:ProcessandIssues.Cambridge:CambridgeUniversityPress.
- Gautam, A. (2010). Bhautik Bhugol. Meerut: Rastogi Publications.
- Kale, V.S.andGupta,A.(2001).IntroductiontoGeomorphology.Hyderabad:OrientLongman.
- Selby, M.J.(2005).Earths Changing Surface. United Kingdom: OUP.
- Singh, S.(2009).Bhuatic Bhugolka Swaroop. Allahabnad: Prayag Pustak.
- Skinner,BrianJ.andStephen,C.(2000).TheDynamicEarth:AnIntroductiontophysicalGeology, John Wiley and Sons.
- Strahler ,A.N. and Strahler, A.H.(2005).Modern Physical Geography. John Wiley & Sons. Revised edition.
- Thorn bury, W.D.(1968).Principles of Geomorphology. Wiley.

Course Learning Outcomes:

By the end of the course ,students should be able to:

1. Identify the concepts of Origin of Earth and landforms
2. Illustrate the different force sacting over the Earth.
3. Compareandanalyzethedifferentcyclesoflandformerosionandtheirprocesses
4. Build competency and academic excellence for competitive exams

GEO-51P-102-Practical-I

Code of Course	Title of the Course	Level of the Course	Credits of the Course
	Practical-I	5	2
Types of the Course	Delivery type of the Course		
Major	60contacthrs-Laboratorylecturesandfieldstudyincludingdiagnostic and formative assessments during lecture hours		
Prerequisites	Central Board of Secondary Education or Equivalent		
Objectives of the Course	To make the students understand about the relief eat uresth rough scale and relief representation techniques.		

Duration- 4Hours

Max. Marks- 10+40

Min.Marks-4+16

Pattern of Examination	Bifurcation of Marks	Time
Written Test	20	2 Hours
Model/Chart and Viva-Voce	7+3	2 Hours
Record Work and Viva-Voce	7+3	

***Note-**

1. The students will have to prepare **B4 Size Record Book** which will be simultaneously checked by the Teacher in the class after teaching und evaluated during the examinations.
2. There will be 6 questions (3 questions from each unit) in written paper out of which student have to compulsorily attempt 2 questions from each unit.
3. The student will have to prepare Model/Chart **INDIVIDUALLY** form the practical syllabus of Geography and have to submit during the examination.
4. Simple Calculatoris permitted impractical examination.

Unit- I

Definition and Types of Scale: Simple, Comparative, Diagonal and Vernier. Methods of Relief Representation: Hachure, Hill-shading, Bench mark, Spot- Height, Form-lines and Contours.

Unit- II

Representation of Relief features through Contours and description – Conical hill, Plateau, Ridge, Cliff, Escarpment, Gorge, Waterfall, V-shaped valley, U- shaped valley and Hanging valley, Typesof Slopes-Gentle, Steep, Uniform, Undulatingand Terraced; Lake, Caldera, Spur.

Recommended Readings:

- Monk house, F.J .and Wilkinson, H.R.(1973).Maps and Diagrams. London: Methuen.
- Rhind, D.W. and Taylor,D.R.F.(2000).Cartography:Past,PresentandFuture.International Cartographic Association.
- Robinson,A.H.,(2009).ElementsofCartography.NewYork:JohnWileyandSons.
- Robinson, A.H.(2000).Elements of Cartography. U.S.A. :John Wiley & Sons.
- Sarkar, A.K.(2005).PracticalGeography:ASystematicApproach.Calcutta:Oriental Longman.
- Sharma, J.P.(2010).Prayogik Bhugol. Meerut: Rastogi Publishers.
- Singh, R.L. and Dutt, P. K.(2010).Elements of Practical Geography. New Delhi: Kalyani Publishers.

Course Learning Outcomes:

By the end of the course, students should be able to:

1. To make students aware about the measurements and representative distances.
2. To develop skills and competency regarding area analysis and map making with relief features.

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Semester II (2023-24)

GEO-52T-103-Human Geography

Code of Course	Title of the Course	Level of the Course	Credits of the Course
GEO-52T-103	Human Geography	5	4
Types of the Course	Delivery type of the Course		
Major	Lecture, 60 Lectures including diagnostic and formative assessments during lecture hours		
Prerequisites	Central Board of Secondary Education or Equivalent		
Objectives of the Course	To provide understanding of numerous dimension so fhumangeography and cultural landscapes from global to local level.		

Duration- 3Hours

Max. Marks- 20+80

Min.Marks-8+32

Pattern of Examination	Bifurcation of Marks
Part A	10 × 2 = 20
Part B	15 × 4 = 60
Total	80

***Note:**

1. Internal assessment will be as per University Norms.
2. End Semester Examination question paper will comprise of two parts: Part A and Part B.
3. Part A will comprise of TWO questions consisting Map Work and Multiple-Choice Questions (MCQs)/ Short Answer type questions.
4. Part B will comprise of FOUR descriptive questions with Internal choice from each unit.
5. In all student will have to attempt total 6 questions, 2 questions from Part A and 4 questions from Part B.

Rj 15/11/23
The Registrar

UNIVERSITY OF JALPAIGURI
JALPAIGURI
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Unit I

Human Geography: Definition, Nature, Scope and Principles. Inter-disciplinary approach. Understanding of Cultural landscape, Man- Nature Relationship: Determinism, Possibilism, Neo-Determinism.

Unit II

Cultural regions; Race (Griffith Taylor's Classification), Tribes-Eskimo, Bushman, Pygmy, Santhal, Nagas, Bhil. Religious and Linguistics composition of World Population.

Unit III

World Population: Growth, Distribution, Density, Sex-Ratio and Literacy. Population Growth Theory (Malthusian and Demographic Transition Theory). Human Development Index (HDI).

Unit IV

Factors, Types and Consequences of Migration, Griffith Taylor's Migration Theory. Trends and Patterns of Urbanisation of the World. Settlements-Types and Patterns. Christaller's Central Place Theory.

Recommended Readings:

- Bergwan, Edward E. (1995). Human Geography: Culture, Connections and Landscape. New Jersey: Prentice-Hall.
- Carr, M. Patterns. (1987). Process and change in Human Geography. London: MacMillan Education.
- Chandna, R.C. (2010). Population Geography. New Delhi: Kalyani Publisher.
- De Blij, H.J. (2000). Human Geography, Culture, Society and Space. New York: John Wiley.
- Fellman, J.L. (1997). Human Geography: Landscapes of Human Activities. USA: Brown and Benchmark Pub.
- Hassan, M.I. (2005). Population Geography. Jaipur: Rawat Publications.
- Hussain, Majid (2012). Manav Bhugol. Jaipur: Rawat Publications.
- Johnston, R.J. (2000). Dictionary of Human Geography. New York: Oxford.
- Kaushik, S.D. (2010). Manav Bhugol. Meerut: Rastogi Publication.
- Maurya, S.D. (2012). Manav Bhugol. Allahbad: Sharda Pustak Bhawan.
- Mc Bride, P.J. (2000). Human Geography Systems, Patterns and Change. U.K.
- Michael, Can. (1997). New Patterns: Process and Change in Human Geography.
- Singh, K.N. (2000). People of India. An Introduction Seagull Books.

Course Learning Outcomes:

By the end of the course, students will be able to:

1. Identify branches of human geography and distinguish between the different concepts of man environment relationship.
2. Classify the different tribes of the world and use various factors to interpret the spatial distribution of population.
3. Visualize the various patterns of migration, settlements and summarize the major problems of urbanisation in World.

GEO-52P-104-Practical-II

Code of Course	Title of the Course	Level of the Course	Credits of the Course
GEO-52P-104	Practical-II	5	2
Types of the Course	Delivery type of the Course		
Major	60contacthrs-Laboratorylecturesandfieldstudyincludingdiagnostic and formative assessments during lecture hours		
Prerequisites	Central Board of Secondary Education or Equivalent		
Objectives of the Course	To attain the knowledge about the geographical data representation with the help of cartographical skills.		

Duration- 4Hours

Max. Marks- 10+40

Min.Marks-4+16

Pattern of Examination	Bifurcation of Marks	Time
Written Test	20	2 Hours
Field Survey and Viva	7+3	2 Hours
Record and Viva	7+3	

***Note-**

1. The students will have to prepare **B4 Size Record Book** which will be simultaneously checked by the Teacher in the class after teaching and evaluated during the examinations.
2. There will be 6 questions (3 questions from each unit) in written paper out of which student have to compulsorily attempt 2 questions from each unit.
3. The student will have to prepare Survey Sheet **INDIVIDUALLY** during the examination.
4. Simple Calculatoris permitted in practical examination.

Unit- I

Definition and Types of Profiles: Serial, Superimposed, Projected and Composite. Weather instruments with description and diagrams, Weather Symbols, Interpretation of Indian daily Weather maps (July and January).

Unit- II

Graphs: Hythergraph and Climograph, Climatograph, Water budget graph, Wind rose. Surveying: Meaning, Classification and Significance. Chain and Tape Surveying: Open Traverse and Tie-line.

Recommended Readings:

- Mishra, R.P & Ramesh. (1986).A Fundamentals of Cartography. New Delhi: McMillan Co.
- Monk house, F.J. and Wilkinson , H.R.(1973).Maps and Diagrams. London: Methuen.
- Rhind, D.W. and Taylor, D.R.F.(2000).Cartography :Past, Present and Future. International Cartographic Association.
- Robinson,A.H.,(2009).ElementsofCartography.NewYork:JohnWileyandSons.
- Robinson, A.H.(2000).Elements of Cartography. U.S.A. :John Wiley & Sons.
- Sarkar ,A.K. (2005).Practical Geography: A Systematic Approach. Calcutta: Oriental Longman.
- Sharma, J.P.(2010).Prayogic Bhugol. Meerut: Rastogi Publishers.
- Singh, R.L. and Dutt, P.K.(2010). Elements of Practical Geography. New Delhi: Kalyani Publishers.

Course Learning Outcomes:

By the end of the course, students will be able to:

1. Developskillsandcompetencyregardingstatisticalanalysisandrepresentationof geographical data.
2. Understandabouttheweatherinstrumentsandvariousclimaticconditions.

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