



MAHARAJA SURAJMAL BRIJ UNIVERSITY
BHARATPUR (RAJASTHAN)

SYLLABUS FOR GEOGRAPHY
(THREE/ FOUR UNDER GRADUATE PROGRAMME)

I & II SEMESTER
EXAMINATION-2024-25

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श्री. अरुण कुमार पाण्डेय
उपकुलसचिव
प्रभारी अकादमिक प्रथम

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- 11 T-101 Physical Geography-I	4	0	0	4	4
2.	5	I	MJR	GEO- 11 P-101 Practical-I	0	0	2	2	4
3.	5	II	MJR	GEO- 11 T-103 Human Geography	4	0	0	4	4
4.	5	II	MJR	GEO- 11 P-104 Practical-II	0	0	2	2	4

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Syllabus

Semester-I (202 -2

Duration- 3Hours

GEO-11T-101-Physical Geography-I

Regular	N/C
Max. Marks- 20+80	100
Min. Marks- 8+32	40

Code of Course	Title of the Course	Level of the Course	Credits of the Course
GEO-11T-101	Physical Geography-I	5	4
Types of the Course	Delivery type of the Course		
Major	Lecture- 60 Lectures including diagrams and geographical specimens etc. 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- 3 Hours

Semester-I

Regular	N/C
Max. Marks-20+80	100
Min. Marks- 8+32	40

Pattern of Examination	Regular	N/C
	Bifurcation of Marks	
Part A	20 x 1= 20	20 x 1= 20
Part B	15 x 4= 60	20 x 4= 80
Total	80	100

Note:

1. Internal Assessment will be as per University Norms for Regular Students only.
2. End Semester Examination question paper will comprise of two parts: Part A and Part B.
3. Part A will comprise of one question of Two parts consisting Map work and Multiple-Choice questions (MCQs)/ Short Answer type questions.
4. Part B will be comprised of FOUR descriptive questions with internal choice from each unit.
5. In all students will have to attempt total 5 questions, Question no.1 of part A is compulsory and 4 questions from part B.

Paul

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Syllabus

GEO-11T-101-Physical Geography-I

Duration-3Hours

Regular	N/C
Max.Marks-20+80	100
Min.Marks-8+32	40

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 -views of Airy; Pratt & Holmes. Volcanoes & Earthquakes.

Unit-III

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

Unit-IV

Erosional & Depositional Workand Topographies of River, Under and Water Glaciers, Wind & Oceanic Waves.

Recommended Readings:

- Bloom, A.L. (2003). Geomorphology: A Systematic Analysis of Late Cenozoic Landforms. New Delhi: Prentice-Hall of India.
- Christopherson, Robert W. (2011). Geo-systems: An Introduction to Physical Geography 8Ed. England: Macmillan Publishing Company.
- Ernst, W.G. (2000). Earth systems: Process and Issues. Cambridge: Cambridge University Press.
- Gautam, A. (2010). Bhautik Bhugol. Meerut: Rastogi Publications.
- Kale, V.S. and Gupta, A. (2001). Introduction to Geomorphology. Hyderabad: Orient Longman.
- Selby, M.J. (2005). Earths Changing Surface. United Kingdom: OUP.
- Singh, S. (2009). Bhautik Bhugol ka Swaroop. Allahabad: Prayag Pustak.
- Skinner, Brian J. And Stephen, C. (2000). The Dynamic Earth: An Introduction to physical Geology. John Wiley and Sons.
- Strahler, A.N. and Strahler, A.H. (2005). Modern Physical Geography. John Wiley & Sons, New York.
- Thornbury, 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 land forms
2. Illustrate the different forces acting over the Earth.
3. Compare and analyze the different cycles of landform erosion and their processes.
4. Build competency and academic excellence for competitive exams

GEO-1 P-102-Practical-I

Duration-4 Hours

Regular	
Max.Marks-10+40	
Min.Marks-4+16	

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

*Note-

1. The students will have to prepare A4 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 Calculator is permitted in practical examination.

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	60 contact hrs-Laboratory lectures and field study including diagnostic and formative assessments during lecture hours for Regular and N/C students.		
Prerequisites	Central Board of Secondary Education or Equivalent		
Objectives of the Course	To make the students understand about the relief features through scale and relief representation techniques.		

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, Types of Slopes-Gentle, Steep, Uniform, Undulating and Terraced, Lakes -Cotteral, Star, Ring, Meaning, Classification and Significance, Chain and tape Surveying.

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Recommended Readings:

- Monkhouse, 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). Elements of Cartography. New York: John Wiley and Sons.
- 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). 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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