

Raj Rishi Bhartrihari Matsya University, Alwar



Syllabus

Three Years / Four Years U. G. Program in
Arts

B.A. (Hons.)
Semester - I

Geography
Examination 2023-24

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Raj Rishi Bhartrihari Matsya University, Alwar
Examination Scheme
B.A. (Hons) Geography
Semester-I
Examination 2023-24

Note: The paper consists of two parts.

Part-I: It is of 20 marks and has 10 compulsory very short answer type questions. A total of 10 questions will be given in this part from all the units. Each question is of 2 marks.

Part-II: It is of 60 marks and a total of 08 questions will be given in the paper with 02 questions from each unit with internal option, out of which a total of 04 essay questions will have to be solved by selecting one question from each unit. Each question is of 15 marks.

As per the instructions of Rajrishi Bhartrihari Matsya University, Alwar, all the colleges will complete mid-term exam and assignment work for internal assessment, the mark weightage of which is $10 + 10 = 20$ marks.

No supplementary answer book will be given to any candidate. Hence the candidates should write answer previesly in the main answer book only.

All the partered one question should be answered at one place in the answer book. One complete question should not be answered different places in the answer book.

Regular attendance, mid-term exams and assignments are mandatory for all students studying in the semester system. Students will be allowed to appear for the main examination only after completing the above internal assessment process.

The Students are permitted to use simple calculator, Log Table & map stericils in the Examinations if needed.

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Raj Rishi Bhartrihari Matsya University, Alwar

Syllabus

B.A. (Hons) Geography

Semester-I

Examination 2023-24

SEMESTER WISE PAPER TITLES WITH DETAILS

Three/ Four Year Bachelor of Arts in Geography									
S. No.	Level	Semester	Type	Title	Credits				Contact Hours
					L	T	P	Total	
1.	5	1	MJR	GEO-SIT-105 Physical Geography	4	0	0	4	4
2.	5	1	MJR	GEO-SIT-106 HUMAN GEOGRAPHY	4	0	0	4	4
3.	5	1	MJR	GEO-SIP-107 Practical-I	0	0	4	4	8

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GEO-51T-105- Physical Geography

Code of Course	Title of the Course	Level of the Course	Credits of the Course
GEO-51T-105	Physical 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 attain knowledge in detail about physical geography and associated branches.		

Duration- 3 Hours

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.

Dr. P. H. Singh

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Semester-I

PHYSICAL BASIS OF GEOGRAPHY

Note :-

As per the instructions of Rajrishi Bhartrihari Matsya University, Alwar, all the colleges will complete mid-term exam and assignment work for internal assessment, the mark weightage of which is 10 +10 = 20 marks.

The main examination will have to be conducted as per the instructions of the university which is of 80 marks. The paper consists of two parts.

Part-I: It is of 20 marks and has 10 compulsory very short answer type questions. A total of 10 questions will be given in this part from all the units. Each question is of 2 marks.

Part-II: It is of 60 marks and a total of 08 questions will be given in the paper with 02 questions from each unit with internal option, out of which a total of 04 essay questions will have to be solved by selecting one question from each unit. Each question is of 15 marks.

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. Interior of the Earth. Earth Movements -Endogenetic & Exogenetic. Isostasy - views of Airy; Pratt & Holmes. Volcanoes & Earthquakes.

Unit-II

Mountain Building Theories- Kobbler & Holmes. Rocks- Classifications & Characteristics. Denudation- Erosion & Weathering; Cycle of Erosion views of W.M. Davis & W. Penck. Drainage System & Pattern. Erosional & Depositional Work and Topographies of River, Underground Water, Glaciers, Wind & Oceanic Waves.

Unit-III

Composition & Structure of the Atmosphere. Insolation & Heat budget of the Earth. Horizontal and Vertical distribution of Atmospheric Temperature, Inversion of Temperature. Atmosphere Pressure, Pressure belts & Planetary winds. Mechanism of Indian monsoon and jet streams. Classification of Clouds and Precipitation. Types of Air Masses, Fronts & Cyclones. Classification of World Climate Koppen and Thorthwaite, General climatic classification.

Unit-IV

Definition, nature and Scope of Oceanography, Hydrological Cycle. Surface Configuration of Pacific, Atlantic and Indian Ocean's bottom. Horizontal and Vertical distribution of Oceanic Temperature and Salinity. Oceanic Movements- Tides, Waves and Oceanic Currents. Coral Reefs. Oceanic Deposits.

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Suggested Books:

1. Strahler, A.H. : Elements of Physical Geography.
2. Wooldridge, S.W. : The Physical Basis of Geography, Logman's Green & Co. London 1959.
3. Mathur, I.R. ; Climatology, Mc. Graw Hill, New York.
4. Banerjee, H.C. & D.S. : Mosam Vigyan, Rajasthan Hindi Granth Academy Jaipur.
5. Gerald, S. : General Oceanography — An Introduction, John Willey & Sons, New York.
6. Finch & Trewarths : Elements of Physical Geography.
7. Negi : Physical Geography.
8. Sharma, R.C. : Oceanography for Geographers, Chaitanya Publishers, Allahabad.
9. सविन्द्र सिंह : भौतिक भूगोल-वसुन्धरा प्रकाशन, गोरखपुर।
10. वी.एस. चौहान एवं अलका गौतम : भौतिक भूगोल-रस्तोगी, प्रकाशन मेरठ।
11. सी.बी. मामोरिया एवं रतन जोषी : भौतिक भूगोल, साहित्य भवन पब्लिकेशन, आगरा।
12. चौहान वी.एस. व गौतम, ए. 2005 भौतिक भूगोल(जीवनमण्डल सहित) रस्तोगी पब्लिकेशन्स, मेरठ।
13. दयाल पी. 2012 भौतिक भूगोल। राजेश पब्लिकेशन्स, नई दिल्ली।
14. गौतम, अल्का, 2012 भौतिक भूगोल। रस्तोगी पब्लिकेशन्स मेरठ।
15. Husain, M. 2001, Fundamentals of Physical Geography. Rawat Publication, Jaipur
16. Khullar, D.R. 2012: Physical Geography. Kalyani Publishers, New Delhi
17. सिंह, सविन्द्र, 2011 : भौतिक भूगोल का स्वरूप, प्रयाग पुस्तक भवन, इलाहाबाद।
18. शर्मा, एचएस, शर्मा एम.एल. एण्ड मिश्रा आर.एन. 2006 भौतिक भूगोल, पंचशील प्रकाशन, जयपुर।

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चौहान

GEO - 51T106 - Human Geography

Code of Course	Title of the Course	Level of the Course	Credits of the Course
GEO- 51T-106	Geography of 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 make students familiar with regional HUMAN GEOGRAPHY		

Duration- 3 Hours

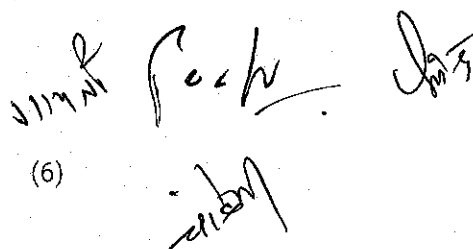
Max. Marks- 20+80

Min. Marks- 8+32

Pattern of Examination	Bifurcation of Marks
Part A	$10 \times 2 = 20$
Part B	$15 \times 4 = 60$
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.


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Semester - I

HUMAN GEOGRAPHY

Note :-

As per the instructions of Rajrishi Bhartrihari Matsya University, Alwar, all the colleges will complete mid-term exam and assignment work for internal assessment, the mark weightage of which is 10 +10 = 20 marks.

The main examination will have to be conducted as per the instructions of the university which is of 80 marks. The paper consists of two parts.

Part-I: It is of 20 marks and has 10 compulsory very short answer type questions. A total of 10 questions will be given in this part from all the units. Each question is of 2 marks.

Part-II: It is of 60 marks and a total of 08 questions will be given in the paper with 02 questions from each unit with internal option, out of which a total of 04 essay questions will have to be solved by selecting one question from each unit. Each question is of 15 marks.

UNIT -I

Introduction of Human Geography: Meaning, Definition, Nature, Scope and importance, Branches of Human Geography and its relation with other Social Sciences, Principles of Human Geography, Essential Elements of Human Geography: Brunhes and Huntington. Approaches to Human Geography: Environmental Determinism, Possibilism, Neo Determinism, Contribution of various scholars: Fredrick Ratzel, Miss Ellen Sample, Vidal de la Blache, Huntington.

UNIT -II

Human races: evolution and migration, Factors, Types and Consequences of Migration, Griffith Taylor's Migration Theory. zone-strata theory, classification of races: types, characteristics and distribution. Human races in India. Cultural regions; Race (Griffith Taylor's Classification)

UNIT -III

Tribes of the world: Eskimos, Bushman, Pygmy, Masai, ^{Bedouins} ~~Bedawins~~ and Kirghiz. Religious and Linguistics composition of World Population. Tribes in India: Bhils, Nagas, Santhal, Gond, Gujjar of Jammu and Kashmir and Toda. ~~their~~ Social and Economic activities and adaptation in modern society. Population growth and theories, Distribution and Density of world population. Migration of Population: causes, types and impacts, Population regions and Population. Policies in India. Problems of overpopulation in India and its remedial measures.

UNIT -IV

Rural settlements, factors affecting development of Rural Settlement, Types and Pattern of Rural settlements, Building materials and House types. Rural Development. Christallers's Central Place Theory, Trends and Patterns of Urbanisation of the World. Settlements- Types and Patterns. process of Urbanization, Urban problems in India, Impact of human activities on environment.

11/11/2016 R. K. Jais
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Suggested Books:

1. Bergwan, Edward E : Humna Geography; Culture, Connection and Land Scape, Prentice-Hall, New Jersey, 1995.
2. Carr, M : Patterns, Process and change in Human Geography, McMillan Education London, 1987.
3. Fellman, J.L. : Human Geography- Landscapes of Human Activities. Brown and Benchmark Pub., U.S.A. 1997.
4. De Blij H.J. : Human Geography, Culture, Society and Space, John Wiley, New York, 1996.
5. Dobhrs, F.E. and Summners, L. W. (eds.) 1967: Introduction to Geography. Thomas Crowell Co., New York.
6. Dear, M.J. and Flusty, S. (ed.) 2002: The spaces of Post modernity, Reading in Human Geography. BlackWell Publishers Ltd., Oxford.
7. Relimen, Getis and Getis. J. 1998: Human Geography-Landscape of human activities Longman- London.
8. Husain, M. 2012: Human Geography. Rawat Publications, Jaipur
9. Leong, G.C. and Morgan, E.C. 1982: Human and Economic Geography. Oxford University Press, Oxford 2nd Edition.
10. कौशिकक, एस.डी. 2012 : मानव भूगोल, रस्तोगी पब्लिकेशन्स, मेरठ।
11. हारून, एम, 2006 : संसाधन भूगोल, वसुन्धरा प्रकाशन, गोरखपुर।
12. कौशिकक : मानव भूगोल के सरल सिद्धान्त रस्तोगी एण्ड कम्पनी, मेरठ।
13. विश्वनाथ द्विवेदी एण्ड कनोजिया : मानव भूगोल के सिद्धान्त, किताब महल, इलाहाबाद।
14. जोशी रतन : मानव एवं पर्यावरण, साहित्य भवन पब्लिकेशन, आगरा।
15. कास्वॉ- मानव एवं पर्यावरण, मलिक प्रकाशन, जयपुर।

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GEO-51P- 107- Practical-I

Code of Course	Title of the Course	Level of the Course	Credits of the Course
GEO-51P- 107	Practical-I	5	4
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		
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.		

Duration- 4 Hours

Max. Marks- 20+80

Min. Marks- 8+32

Pattern of Examination	Bifurcation of Marks	Time
Written Test	40	2 Hours
Field Survey and Viva-Voce	14+6	2 Hours
Record Work and Viva-Voce	14+6	

**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 8 questions (2 questions from each unit) in written paper out of which student have to compulsorily attempt 1 question from each unit.
3. The student will have to prepare Survey Sheet **INDIVIDUALLY** during the examination.
4. Simple Calculator is permitted in practical examination.

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Semester - I Practical

Note :-

As per the instructions of Rajrishi Bhartrihari Matsya University, Alwar, all the colleges will complete mid-term exam and assignment work for internal assessment, the mark weightage of which is 10+10= 20 marks.

The main practical examination will have to be conducted by an external examiner appointed by the university, which is of 80 marks.

There shall be 8 questions in written paper in 02 questions will be given from each unit. Candidates are required to answer a total of 4 questions, selecting one question from each unit. Each question is of 10 marks. Each practical batch of 30 students will be allotted 4 hours of teaching per week for practicals.

UNIT - I

Definition and types of scale: simple, comparative, diagonal. Graph: line graph, bar graph, combined line and bar graph.

UNIT - II

Study of Topographical sheets – Scheme of Indian topo-sheets. Interpretation of a hilly and a plain area of India in respects of relief, drainage, Human settlement, Transport & Communication Pattern.

UNIT - III

Climatic maps and diagrams – isopleth Maps (Isobar, Isotherms and Isohyets maps,) Simple and compound wind rose, climograph, hythergraph and climatograph, study & interpretation of weather maps of January & July months.

UNIT - IV

Surveying: Meaning, Classification and Significance, Applicability of Chain Survey, Chain Survey Tools, Factors Affecting Survey Station Selection, Line Types in Chain Survey, Offsets in Chain Survey , Chain & Tape Surveying: Open & Closed Traverse , Tie-line, Chain Survey Procedures. It's Problems and Solutions.

Recommended Readings:

1. Monkhouse, F. J . and Wilkinson, F.J. 1985: Maps and Diagrams. Methuen, London
2. Mahmood, A 1998 : Statistical Methods in Geographical Studies. Rajesh Publication, New Delhi (fourth revised edition).
3. Raisz, E. 1962: General Cartography. John Wiley and Sons, New York. 5th edition.
4. Singh R.L. and Singh, Rana, P.B., 1991, Elements of Practical Geography. Kalayani Publishes, New Delhi.
5. Sarkar, A.K. 1997 : Practical Geography : A Systematic Approach. Orient Longman, Kolkata.
6. Singh, L.R. 2006 : Fundamentals of Practical Gegeraphy. Sharda Pustak Bhawan, Allahabad.
7. Venkartrameiah, C, 1997 : A Text Book of Surveying. University Press, Hyderabad.
8. शर्मा, जे.पी. 2011:- प्रयोगात्मक भूगोल की रूपरेखा। रस्तोगी पब्लिकेशन्स, मेरठ।
9. डॉ. आर.एन.मिश्रा, डॉ. पी.के.शर्मा, प्रायोगिक भूगोल, रावत पब्लिकेशन्स, जयपुर।