Raj Rishi Bhartrihari
Matsya University, Alwar

Syllabus

Three Years / Four Years U.G. Program in

Arts & Science

B.A. / B.Sc.

Semester – I & III & V

Subject :- Geography

EXAMINATION 2025-26

Syllabus
B.A. (P)-Semester-I
Geo-T-Physical Geography

Code of course	Title of the course	Level of the course	Credit of the course
Geo-T	Physical Geography	5	4
Type of the course	Delivery type of the course		
Major	Lectures, 60 lectures including diagnostic and formative assessme during lecture hours		
Prerequisites	Central board of secondary education or equivalent		
Objective of the course	To provide an extensive overview of Physical Geography involving numerous dimensions of the world physical landscapes.		

DURATION- 3 HOURS

MAX MARKS: 20+80=100

MIN MARKS: 08+32=40

Regular Std.

Pattern of examination	Bifarcation of marks
Part A	50 x 0.8 = 40
Part B (divided by three parts)	5 x 1 = 05, 5 x 2 = 10, 5 x 5 = 25 = 40
Total	80

Non. Coll.

Pattern of examination	Bifarcation of marks
Part A	50 x 1 = 50
Part B (divided by three parts)	5 x 1 = 05, 5 x 2 = 10, 5 x 7 = 35 = 50
Total	100

NOTE:-

1. Internal assessment will be as per University Norms.
2. End semester examination question paper will comprise of two parts: Part A & Part B
3. Part A will comprise 50 Multiple-Choice Questions (MCQs).
4. Part B will comprise of 15 descriptive questions.

Syllabus
B.A. (P)-Semester-III
Geo-T-Resource Geography

Code of course	Title of the course	Level of the course	Credit of the course
Geo-T	Resource Geography	5	4
Type of the course	Delivery type of the course		
Major	Lectures, 60 lectures including diagnostic and formative assessme during lecture hours		
Prerequisites	Central board of secondary education or equivalent		
Objective of the course	To provide an extensive overview of Resource Geography involving b its natural as well as cultural dimension.		

DURATION- 3 HOURS

MAX MARKS: 20+80=100

MIN MARKS: 08+32=40

Regular Std.

Pattern of examination	Bifarcation of marks
Part A	50 x 0.8 = 40
Part B (divided by three parts)	5 x 1 = 05, 5 x 2 = 10, 5 x 5 = 25 = 40
Total	80

Non. Coll.

Pattern of examination	Bifarcation of marks
Part A	50 x 1 = 50
Part B (divided by three parts)	5 x 1 = 05, 5 x 2 = 10, 5 x 7 = 35 = 50
Total	100

NOTE:-

1. Internal assessment will be as per University Norms.
2. End semester examination question paper will comprise of two parts: Part A & Part B
3. Part A will comprise 50 Multiple-Choice Questions (MCQs).
4. Part B will comprise of 15 descriptive questions.

Syllabus
B.A. (P)-Semester-V
Geo-T-World Regional Geography

Code of course	Title of the course	Level of the course	Credit of the course
Geo-T	World Regio Geography	5	4
Type of the course	Delivery type of the course		
Major	Lectures, 60 lectures including diagnostic and formative assessme during lecture hours		
Prerequisites	Central board of secondary education or equivalent		
Objective of the course	To provide an extensive overview of World Regional Geography involv the numerous dimensions of the world regional landscapes.		

DURATION- 3 HOURS

MAX MARKS: 20+80=100

MIN MARKS: 08+32=40

Regular Std.

Pattern of examination	Bifarcation of marks
Part A	50 x 0.8 = 40
Part B (divided by three parts)	5 x 1 = 05, 5 x 2 = 10, 5 x 5 = 25 = 40
Total	80

Non. Coll.

Pattern of examination	Bifarcation of marks
Part A	50 x 1 = 50
Part B (divided by three parts)	5 x 1 = 05, 5 x 2 = 10, 5 x 7 = 35 = 50
Total	100

NOTE:-

1. Internal assessment will be as per University Norms.
2. End semester examination question paper will comprise of two parts: Part A & Part B
3. Part A will comprise 50 Multiple-Choice Questions (MCQs).
4. Part B will comprise of 15 descriptive questions.

Syllabus
B.A. / B.Sc. Semester-V
World Regional Geography

Unit-I

Concept of Region, Delimitation methods, Types or Regions

China: Relief, Drainage, Climate, Natural vegetation, Soils, Minerals, Agriculture, Industries, Industrial Regions, Population.

Japan: Relief, Drainage, Climate, Natural vegetation, Soils, Minerals, Agriculture, Industries, Industrial Regions, Population.

Unit-II

United Kingdom: Relief, Drainage, Climate, Natural vegetation, Soils, Minerals, Agriculture, Industries, Industrial Regions, Population

USA: Relief, Drainage, Climate, Natural vegetation, Soils, Minerals, Agriculture, Industries, Industrial Regions, Population.

Unit-III

Brazil: Relief, Drainage, Climate, Natural vegetation, Soils, Minerals, Agriculture, Industries, Industrial Regions, Population

Argentina: Relief, Drainage, Climate, Natural vegetation, Soils, Minerals, Agriculture, Industries, Industrial Regions, Population.

Unit-IV

South Africa: Relief, Drainage, Climate, Natural vegetation, Soils, Minerals, Agriculture, Industries, Industrial Regions, Population

Australia: Relief, Drainage, Climate, Natural vegetation, Soils, Minerals, Agriculture, Industries, Industrial Regions, Population.

Recommended Readings:

1. Cole, J. "A Geography of the Worlds Major Regions" Routledge, London.
2. Debliz H. : "Geography : Regions And Concept"
3. Minshul Roger, "Regional Geography."
4. Cressey G.B. : "Geography of China"
5. Stamp L.D., "Africa" John Wiley, New York.

6. सिंह एवम् राव, ''तीन दक्षिणी महाद्वीप'' वसुन्धरा प्रकाशन।
7. लाल बी : ''उत्तरी अमेरिका का भूगोल''
8. मामोरिया, : ''प्रादेशिक भूगोल''
9. गौतम, अल्का : ''विश्व का भूगोल'' शारदा पुस्तक भवन, इलाहबाद
10. सक्सेना एच.एम. : ''विश्व का प्रादेशिक भूगोल'' रस्तोगी पब्लिकेशन्स, मेरठ।
11. मौर्य, एस.डी. : ''विश्व का प्रादेशिक भूगोल'' प्रवालिका पब्लिकेशन्स, इलाहबाद।

Syllabus

B.A. (P)-Semester-V

Geo-P- Practical (Regular Std.)

Duration: 4 Hr. Max. Marks: 10+40=50

Min. Marks: 04+16=20

Code of course	Title of the course	Level of the course	Credit of the course
Geo-P	Practical-V	5	4
Type of the course	Delivery type of the course		
Major	60 contact hrs laboratory lectures and field study including diagnostic a formative assessments during lecture hours		
Prerequisites	Central board of secondary education or equivalent		
Objective of the course	To make the students understand about the cartographic techniques, n projection and surveying techniques representation.		

Pattern of examination	Bifarcation of marks	Time
Written test	20	02 hours
Field survey and viva-voce	7+3	02 hours
Record work and viva-voce	7+3	
Total	40	

(Non-Coll.)

Duration: 4 Hr. Max. Marks: = 50

Min. Marks: = 18

Pattern of examination	Bifarcation of marks	Time
Written test	24	02 hours
Field survey and viva-voce	8+5	02 hours
Record work and viva-voce	8+5	
Total	50	

NOTE:-

1. Each practical batch of 30 students will be allotted 4 hours of teaching per week for practicals.
2. 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.
3. There will be 6 questions (2 questions from each unit in written paper out of which student have to compulsorily attempt 1 question from each unit. Candidates are required to attempt 4 questions. All questions carry equal marks.
4. The student will have to prepare Survey Sheet during the examination.
5. Simple Calculator is permitted in practical examination.

Syllabus
B.A. / B.Sc. Semester-V
GEOGRAPHY PRACTICAL

Unit-I

Definition, Classification, Uses and Characteristics of map projection: (Graphical constructions)

Conical Projections:

1. With the one standard parallel
2. With the two standard parallels
3. Bonne's
4. Polyconic

Unit-II

Cylindrical Projections:

1. Equidistant
2. Equal Area
3. Mercator's, Universal Transverse Mercator (UTM)
4. Gall's Stereographic

Unit-III

Surveying: Meaning, Classification and Significance, Applicability of Plane Table Survey, Tools, Factors Affecting Survey Station Selection. Methods : Radiation, Intersection.

Recommended Readings:

1. चौहान, पी.आर. 2005: प्रायोगिक भूगोल। वसुन्धरा प्रकाशन, गोरखपुर।
2. Raisz, E. 1962: General Cartography. John Wiley and Sons, New York. 5th edition.
3. Rampal, K.K. 1993: Mapping and Conflation: Methods and Techniques Concept Publishing Company, New Delhi (Reprint 2009)
4. Robinson, A.H. et al. 2004: Elements of Cartography. John Wiley & Sons, Inc., New York (Sixth Edition)
5. Singh, L.R. 2006: Practical Geography. Prayag Pustak Publisher, Allahabad U.P.
6. Singh, R.L. and Singh, RPB 1991: Elements of Practical Geography. Kalyani Publishers, New Delhi (Reprint 2002)
7. शर्मा, जे.पी. 2010–11. प्रयोगात्मक भूगोल की रूपरेखा। रस्तोगी पब्लिकेशन, मेरठ।