

Part B

Syllabus Prescribed for B. A. First Year UG Programme

Programme: B.A. (Geography)

Semester - I

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
1111 GEOGRAPHY	Principals Of Physical Geography - I	75 Periods

COs

1. At end of the course students shall be able to *have their scientific understanding, illustration, skill and developed themselves as self-confident oriented learner in the field of Physical Geography.*
2. The students will be able to understand the theories and fundamental concepts Physical Geography.
3. The students will be able to acquire knowledge about types of earth movements, earthquakes, volcanism and associated features.
4. The students will be able to acquire knowledge of prominent cities, rivers, mountains, plateaus and seas in world and India.

Unit	Content
Unit I	Geography: Meaning, nature, scope and significance. Branches of Geography: Physical and Human (12 Periods)
Unit II	The Solar System; General concept of Earth 's origin: Kant, Laplace, Chamberlin & James Jeans & Herold Jeffriys Latitude & Longitude (12 Periods)
Unit III	Earth's rotation and revolution & It's effects; Local time & Standard time, International Date line; Lunar & Solar eclipse (12 Periods)
Unit IV	Interior of the Earth & Orogenic and Epeirogenic movements of the earth (12 Periods)
Unit V	Earthquake: Causes, Types , effects & Distribution. Volcanoes : Causes, Types & Distribution (12 Periods)
Skill Enhancement Module (Surveying Technique : Level 1)	
<p><i>COs:</i></p> <ol style="list-style-type: none"> 1. The students will be able to do field surveys using appropriate techniques and methods. 2. The students will be able to prepare layout maps with the help of this techniques. 3. With the help of this skill students will be able to measure height and depth of some surface for leveling purposes. 	
Unit VI	SEM

**Activities	Content
1) Preparation of Lay out map with the help of chain and tape survey.	1. Introduction to Surveying (2 Periods)
2) Measurement of height of any object by using Abney Level.	2. Chain and Tape Survey (7 Periods)
3) The demonstration of Surveying shall be evaluated and viva-voce shall be conducted at college level.	3. Abney level Survey (6 Periods)

Course Material/Learning Resources

Reference Books:

- 1) Bunnelt R.B. (1992) : Physical Geography in Diagrams, Harlow.
- 2) Dayal, P.A. (1996) : Text book of Geomorphology, Shukla Books depot, Patna.
- 3) चौधरी शं. रा. आणि : प्राकृतिक भूगोल, प्रकाश पब्लिकेशन्स जयपुर
चव्हाण मि. भा. (2004)
- 4) दाते सु. प्र. व दाते : सुगम भूविज्ञान, नरेंद्र प्रकाशन, पुणे.
संजीवनी (1979)
- 5) Dayal, P.A : Text book of Geomorphology, Shukla Book depot, Patna, 1996
- 6) Dury, G. H. : The Face of the Earth, Penguins, 1980
- 5) Ernst W. G. (2000) : Earth systems process and Issues, Cambridge University, Press
- 6) धारपुरे वि. टि. (2003) : भूरूपशास्त्र, पिंपळपुरे पब्लिकेशन्स, नागपुर
- 7) धारपुरे वि. टि. (2017) : भूरूपशास्त्राचे मुलतत्वे, पिंपळपुरे पब्लिकेशन्स, नागपुर
- 8) ICSSR : A Survey of Research in Physical Geography, Concept, NewDelhi, 1982
- 9) Kate V. & Gupta A. (2001): Elements of Geomorphology, Oxford University Press, Calcutta.
- 10) सुल्कर डी. आर. (2012) : फिजिकल जीओग्राफी, कल्याणी पब्लिकेशन्स, न्यू दिल्ली
- 11) सांजिवर दिलीप आणि : प्राकृतिक भूगोल, नम प्रकाशन, अमरावती
खरले विजय (2011)
- 12) Monkhouse, F.J. (1960) : Principles of Physical Geography, Hodder and Stoughton, London.
- 13) पाटील अरुण प्र. : भूरूपशास्त्र, आधार पब्लिकेशन्स, अमरावती
चव्हाण अनिल जा. (2018)
- 14) Small, R.J. (1985) : The Landforms, Mc Graw Hill, New York.
- 15) Singh R. I. And Datta : Elements of Practical Geography
- 16) Singh, S. (1998) : Geomorphology, Prayag Pustakalaya, Allahabad.
- 17) Sharma, H.S. : Tropical Geomorphology, Concept, New Delhi, 1987.
- 18) Singh, S. : Geomorphology, Prayag Pustakalaya, Allahabad, 1998
- 19) Small, R. J. : The Study of Landforms, Mc. Graw Hill, New York, 1985
- 20) Sparks B.W. : Geomorphology, Longmans, London, 1960.
- 21) Strahler, A.N. : Modern Physical Geography; John Wiley & Sons, Revised edition and
Strahler, A.H (1992)

Semester -I

Practical

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. of Periods/Week)
1111 / Geography	Cartographic Techniques	2 Periods/Week

COs

- The students will be able to acquire knowledge of prominent cities, rivers, mountains, plateaus and oceans in world with special reference to India.
- Students will be able to acquire the knowledge of locational analysis.
- Students will be able to represent the processed statistical data with the help of Cartographic Techniques.

* List of Practical/Laboratory Experiments/Activities etc.

1	Construction of Diagrams. (Digital or Manual Methods) Line graphs, Bar graphs and Divided circle Method (8 Periods)	(5 Marks)
2	To show following Land features in the out-line maps of the World and India. (7 Periods) World - a) Major Mountain: Rocky, Andies, Alps, Himalaya, Great Dividing Range. b) Major Rivers: Mississippi, Amazon, Congo, Nile, Yangtze c) Major Deserts: Sahara, Gobi, Mongolia, Kalahari, Colorado, Great Australian d) Major sea: Hudson, Red, Black Baltic, Mediterranean Sea e) Major Cities: New York, London, Beijing, Paris, Moscow, Tokiyo, Melbourne, Rio-de- Janeiro, Johannesburg, Toronto India a) Major Mountain: Himalaya, Arvali, Sahyadri, Vindhaya, Satpuda, b) Major Plateaus: Deccan, Chota Nagpur, Malwa, Bundelkhand, Meghalaya. c) Major Rivers: Ganga, Brahmaputra, Yamuna, Godawari, Krishna, Kaveri, Narmada, Tapti, Mahanadi, Satlaj d) Major Lakes: Dal, Wolar, Chilka, Sambhar, Lonar, Pulikat, e) Major cities: Delhi, Mumbai, Hyderabad, Bengaluru, Kolkata, Srinagar, Chandigarh, Jaipur, Amritsar, Agra, Lucknow, Patna, Pune, Chennai, Kanyakumari, Ahmadabad	(5 Marks)
	Practical Record	(5 Marks)
	Viva Voce	(5 Marks)

CERTIFICATE

DEPARTMENT OF GEOGRAPHY

Name of college _____

This is to certify that this practical records is the bonafide Practical work of

Shri/Ku. _____ during the Academic year _____

Semester -----

Dated:-

1. _____

2. _____

3. _____

Stam
nSignature of the teacher
who taught the Examinee

Head of Department

Note:

In absence of certified practical record book, examinee will not be allowed to appear for the Practical examination.

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Programme: B.A