

B.A.(Honours) Examination, 2016

Semester-I

Geography

Course- H-1

(Geomorphology)

Questions are of value as indicated in the margin.

Answer *any one* question from each unit

Time-3 Hours

Full Marks-40

Unit-I

(Geotectonics)

1. Differentiate between *Plate Boundary* and *Plate Margin*. Discuss the mechanism of Plate Movements. Analyse the Mountain Building Processes in response to Plate Tectonic Movement. 3+5+6=14
2. Write Short Notes on **any Two**: 7+7=14
 - (a) Level of Compensation
 - (b) Nebular Hypothesis of LaPlace
 - (c) Geological Time Scale
 - (d) Polar Wandering

Unit-II

(Geomorphology:Basic Concepts and Processes)

3. What do you understand by Geomorphic Cycle of Erosion ? Critically Examine the concept propounded by W.Penck. How does it differ from W.M.Davis? 2+8+3=13
4. Distinguish between *weathering* and *Mass Movement*. Explain the different processes and resulting landforms of Mass movements. 3+10=13

Unit-III

(Geomorphic Processes and Landforms)

5. What are the major Erosional processes of Mountain Glaciers? Discuss the resulting landforms of these processes. 5+8=13
 6. Mention the Erosional processes of Aeolian environment. Describe the consequent landforms of these processes. 5+8=13
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B.A.(Honours) Examination, 2016
Semester-I
Geography
Course - H-2
(Oceanography)

Time-3 Hours

Full Marks-40

Questions are of value indicated in the margin.

Answer *any one* question from each unit

Unit-I
(Origin and Physical Characteristics of Oceans)

1. Explain the origin of the Ocean Floor within the framework of Plate Tectonic theory. 14
2. Describe the relationship between Man and Ocean. What types of non-conventional energy is generated from ocean. 10+4=14

Unit-II
(Ocean Deposits and Hydrology)

3. Differentiate between *Waves* and *Currents*. Describe the currents of Indian Ocean with proper sketch. 3+10=13
4. Give the broad classification of the ocean Deposits. What do you mean by aphotic zone? 11+2=13

Unit-III
(Ocean Environment and Dynamics)

5. Explain the factors affecting Ocean Temperature. Give an account of the Vertical distribution of Ocean Temperature. 7+6=13
 6. What do you understand by *Sea Level Change*- Explain in detail? How change in Sea Level affects the human life? 7+6=13
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B.A. (Honours) Examination, 2016
Semester-III
Geography
Course – H-5
(Climatology)

Questions are of value indicated in the margin.

Answer *any one* question from each unit

Time-3 Hours

Full Marks-40

Unit-I
(Atmosphere and Atmospheric Temperature)

1. Describe the structure of the atmosphere. Discuss the bases of identification of the structure of atmosphere. Describe the different types of temperature inversion. 5+3+6=14
2. Describe and explain the horizontal distribution of the temperature of the Earth. What is *solar constant*? 12+2=14

Unit-II
(Atmospheric Pressure, Precipitation, and Monsoons)

3. How is cloud formed? Give a board classification of the different types of cloud. 3+10=13
4. Distinguish between *Planetary and period winds*. Describe the Global Circulation pattern of winds through the *Tri-cellular Model*. 3+10=13

Unit-III
(Classification of Climate and Climate Change)

5. Bring out the merits and demerits of the schemes of Climatic classification proposed by *Köppen and Thornthwaite*. 7+6=13
6. Discuss the phenomena of Global Warming and its causes. What are the major GHG's? 10+3=13

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B.A. (Honours) Examination, 2016
Semester-III
Geography
Course – H-6
(Soil Geography)

Time-3 Hours

Full Marks-40

Questions are of value indicated in the margin.

Answer *any one* question from each unit

Unit-I
(Soil and its Characteristics)

1. Define Soil. Explain its importance on the surface of the earth with the illustration of an ideal soil profile. 4+10=14
2. Discuss the factors determining soil colour. How is soil colour measured ? Explain the significance of Soil P^H in terms of nutrient availability. 6 +2+ 6=14

Unit-II
(Soil forming Processes)

3. Distinguish between Pedalfer and *Pedocal*. Mention the characteristics of major Azonal and Intra -zonal soils. 3+ 5+ 5=13
4. Differentiate *Podzolisation* from *Laterization*. Explain the role of Time and Parent materials on soil formation. Define capillary action with reference to its impact on soils of arid and semi-arid zones. 5 +4+ 4=13

Unit-III
(Soil Erosion and its Management)

5. What do you understand by soil fertility management? How do soil texture, structure and organic matter influence the fertility of soils? 3+10=13
 6. Distinguish between *sheet erosion* and *rill erosion*. Make a comparison between mechanical and biological methods of soil conservation. 3+10=13
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B.A.(Honours) Examination, 2016
Semester-V
Geography
Course - H.9
(Human Geography)

Time-3 Hours

Full Marks-40

Questions are of value indicated in the margin.

Answer *any one* question from each unit

Unit-I
(Human Activities and Profiles)

1. Define Human Geography. Critically discuss the contents and scope of Human Geography providing support to Geography as a discipline. 2+12=14
2. Discuss the major issues of Determinism and Possibilism in Human Geography. Briefly explain the approach of neo-determinism, Give examples. 10+4=14

Unit-II
(Human Adaptation to the Environment)

3. Give Geographical account of *Gaddi* Tribe. How is *Gaddi* life influenced by climate? 9+4=13
4. Discuss the physical factors influencing by livelihood of *Gond*, Discuss their distributions with a suitable map. 9 +4=13

Unit-III
(Dynamics of the Aspects of Human Geography)

5. Briefly explain the concept of Population Resource Regions. Divide the globe into the major Population- Resource Regions and mention their characteristics. 3+10=13
 6. Explain the indicators of Human Development Index. How are they standardised? Give an account of the functional classification of the towns. 4+ 9=13
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B.A.(Honours) Examination, 2016
Semester-V
Geography
Course - H.10
(Environmental Issues in Geography)

Time-3 Hours

Full Marks-40

Questions are of value indicated in the margin.
Answer *any one* question from each unit

Unit-I
(Concepts of Environment and Environmental Studies)

1. Define Ecosystem. Discuss how are energy and nutrient exchanged in a hypothetical ecosystem. Mention different divisions of ecology. 3+ 5 +6=14
2. Define resource. Illustrate the classification of resource with suitable examples. 4+10=14

Unit-II
(Environmental Resource and Applied Geography)

3. Explain how '*Social Forestry*' introduced by the Government of India can bring social development along with forest conservation. Write a short note on "*Chipko Movement*". 8+5=13
4. Discuss the development of Applied Geography. Elaborate any one contemporary issue in applied geographical research. 5+8=13

Unit-III
(Environmental Development and Management)

5. What are the major causes of global atmospheric warming? Discuss the impact of global atmospheric warming on environment. 8+5=13
 6. What are the major causes of bio-diversity loss? Discuss about the bio-diversity conservation policies adopted by the Government of India. 8+5=13
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B.A.(Honours) Examination, 2016
Semester-V
Geography
Course - H.11
(Geographical Thought)

Time-3 Hours

Full Marks-40

Questions are of value indicated in the margin.
Answer *any one* question from each unit

Unit-I
(Approaches to Geography)

1. Discuss in brief the different approaches in Geography. 14
2. Explain the concepts of Determinism and Possibilism. Write a short note on the contributions of *Carl Ritter*. 10+4=14

Unit-II
(Evolution of Geographical Thought)

3. Explain Geography as a Landscape science. Mention the ideas of *Plato* in relation to Geography. 9+4=13
4. Identify and justify the position of Geography among Sciences. 13

Unit-III
(Development of Modern Geographical Thought)

5. Highlights the themes, which have emerged during the era of Quantitative Revolution. Point out the main drawbacks of Quantitative Revolution. 9+4=13
 6. Define Humanism. Justify the emergence of humanism in Geography. Identify the major themes of Humanistic Geography. 3+7+3=13
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