

P - III (1+1+1) H/17

2017

GEOGRAPHY (Honours)

Ninth Paper

[Settlement Geography and  
Regional Development]

Full Marks : 50

Time : Two Hours

*The figures in the margin indicate full marks.*

**A. Settlement Geography**

(Marks - 30)

**Section - I**

Answer any *one* question.  $10 \times 1 = 10$

1. What do you mean by urban morphology ? 'Multiple nuclei model of urban structure is more realistic.' — Justify.  
 $2 + 8 = 10$

2. What is urban hierarchy ? Critically discuss the basic principles of functional classification of Indian cities after A. Mitra.  $3 + 7 = 10$

**Section - II**

Answer any *four* questions.  $4 \times 4 = 16$

3. What do you mean by site and situation of settlement ? Give examples. 4

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4. Distinguish between rural and urban settlements based on criteria given by census of India. 4
5. What is conurbation ? Explain how does conurbation help in the formation of urban agglomeration with Indian examples. 4
6. What is CBD ? Describe the characteristics of CBD with Indian examples. 4
7. Write a short note on the concept of 'threshold population' and 'range of goods' as used in Christaller's Central Place theory. 4
8. What are the major issues of fringe area development ? 4

**Section - III**

Answer *all* questions.

9. Write short notes on the following : 2×2=4
- (a) Census Town.
- (b) Commuter zone.

**B. Regional Development**

(Marks - 20)

**Section - I**

Answer any *one* question. 10×1=10

10. Explain how G Myrdal described the increasing gap between the core and periphery within a regional economy. 10

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11. Make a critical discussion on the various methods of formal region delineation. What do you mean by regional development ? 6+4=10

**Section - II**

Answer any *one* question. 4×1=4

12. How do you measure regional imbalance ? What are the criteria for regional imbalance in India ? 4
13. What are the characteristic features of a Developing nation ? 4

**Section - III**

Answer *all* questions.

14. Write short notes on the following : 2×3=6
- (a) Forward linkage.
- (b) HDI
- (c) Economic distance.

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GEOGRAPHY (Honours)

Tenth Paper

[Soil Geography and Biogeography]

Full Marks : 50

Time : Two Hours

*The figures in the margin indicate full marks.*

**Group - A**

**Soil Geography**

(Marks - 30)

**Section - I**

Answer any *one* question.  $10 \times 1 = 10$

1. Discuss the USDA scheme of soil classification highlighting its basic principles. 10
2. Discuss the development of laterite soil profile citing suitable examples from India. 10

**Section - II**

Answer any *four* questions.  $4 \times 4 = 16$

3. How is Soil profile formation related to time? 4
4. State the influence of NPK on soil fertility. 4

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5. Why is laterite red in colour while chernozem is black ? 4
6. Do you think texture of the soil is the determinant of its water holding capacity ? 4
7. Explain how the nature of illuviation determines the characteristics of pedalfers. 4
8. What are the mechanical methods of soil conservation ? 4

**Section - III**

Answer *all* questions. 2×2=4

9. (a) Regolith.  
(b) Mineralization.

**Group - B**

**Biogeography**

(Marks - 20)

**Section - I**

Answer any *one* question (600-700 words)

10×1=10

10. Explain with examples the trophic levels of a food chain indicating the position and role of human beings.

7+3=10

11. Discuss the characteristics of Taiga Forest biome.

10

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**Section - II**

Answer any *one* question (200-250 words)

4×1=4

12. Distinguish between 'Ecotone' and 'ecological niche'. 4
13. What are the processes involved in nitrogen cycle ? 4

**Section - III**

14. Answer *all* questions (80-100 words) : 2×3=6

- (a) What is 10% law of energy transfer ?  
(b) What is meant by Climax Vegetation ?  
(c) What is physiological drought ?

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GEOGRAPHY (Honours)

Eleventh Paper

[Geography of India]

Full Marks : 50

Time : Two Hours

*The figures in the margin indicate full marks.*

**Section - I**

Answer any *two* questions.  $10 \times 2 = 20$

1. Classify Indian Soil. Give an account on their distribution.  $2+8=10$

2. What are the controlling factors of Indian Climate ?  
Write in brief the characteristics features of Indian Monsoon.  $3+7=10$

3. Give a geographical account of the peninsular part of India.  $10$

4. Enumerate the problems and prospects of Indian agriculture with special reference to regional characteristics.  $7+3=10$

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**Section - II**

Answer any *five* questions :  $4 \times 5 = 20$

5. Why irrigation is necessary in Indian agriculture ? 4
6. Give an account on the longitudinal divisions of Himalaya. 4
7. Why conservation of forest is necessary ? What is social forestry ?  $3+1=4$
8. Discuss the future prospects of non-conventional power resources in India. 4
9. Point out the merits of population policy in India in 21st century. 4
10. Justify the name "black-cotton-soil". 4
11. State your major reasons behind locational shift of automobile industry in India. 4
12. Name the agricultural regions of India mentioning the classification scheme. 4

**Section - III**

Answer *all* the questions :

13. Write short notes on :  $2 \times 5 = 10$ 
  - (a) Optimum Population

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- (b) Green Energy
  - (c) Globalization
  - (d) Bhangar
  - (e) Marginal Workers
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GEOGRAPHY (Honours)

Twelfth Paper

[Geographical Thought]

Full Marks : 50

Time : Two Hours

*The figures in the margin indicate full marks.*

**Section - I**

Answer any *two* questions. 10×2=20

1. What do you understand by 'Radical Approach' in Geography? Explain the background of origin of 'Radical Approach' and also discuss its main objectives. 2+4+4=10

2. Analyse the dichotomy in Geography in respect of Physical Vs. Human Geography. 10

3. Explain the notion of space in Geography. Classify and discuss different types of space. 2+8=10

4. Illustrate the evolution of Behavioural Geography in modern period. 10

**Section - II**

Answer any *five* questions. 4×5=20

5. How does Griffith Taylor explain the man-environment relationship in geography? 4

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6. What is paradigm ? Explain its changing nature. 4
7. Explain the objectives of Regional Differentiation. 4
8. Explain the major differences found in the 'French' and 'German' school of thought. 4
9. Elucidate the concept of climatic determinism. 4
10. Analyse the concept of positivism in Geography. 4
11. Write a note on merits of quantitative revolution in Geography. 4
12. Define location in the context of geography and its significance. 1+3=4

**Section - III**

Answer *all* questions.

13. Write short notes on the following : 2×5=10
  - (a) Regional approach
  - (b) Relative space
  - (c) Cosmos
  - (d) Humanistic Geography
  - (e) Importance of Time in Geography

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GEOGRAPHY (Honours)

Thirteenth Paper

[Social and Cultural Geography]

Full Marks : 50

Time : Two Hours

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**Section - I**

Answer any *two* questions.  $10 \times 2 = 20$

1. Analyse interrelations between social and geographical space. Differentiate between the concepts of 'space' and 'place'.  $6+4=10$

2. Discuss with suitable examples the significance of class and caste segregation in the morphology of rural settlements in India.  $5+5=10$

3. What are the components of culture ? How does cultural region differ from cultural realm ? Assess the significance of technology in culture.  $3+5+2=10$

4. Narrate the characteristics of Social Process in the context of Geography.  $7+3=10$

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**Section - II**

Answer any *five* questions. 4×5=20

5. Comment briefly on the radical approach to social geography. 4
6. Briefly explain how region can be conceived as social entities. 4
7. What do you understand by the term social groups? Mention the importance of social groups. 1+3=4
8. Write a note on the concept of cultural landscape. 4
9. Comment briefly on the social problems of Indian villages. 4
10. Differentiate between the terms 'ethnicity' and 'community'. 4
11. Briefly state the nature of social exclusion in the urban areas. 4
12. Mention the major indicators of social well-being. 4

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**Section - III**

Attempt *all* questions.

13. Write short notes on : 2×5=10
  - (a) Social structure
  - (b) Tribe
  - (c) Social Security
  - (d) Acculturation
  - (e) Class conflict.