

(4)

Section - II

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

3. Explain various types of inversion of temperature with suitable illustration. 10

4. Assess the role of Jet stream for generating Indian monsoon. 10

5. Mention different forms of precipitation. Discuss collision-coalescence process for the growth of raindrops. $3+7=10$

6. Explain the favourable conditions for the genesis of Tropical Cyclone. What is anti-cyclone ? $7+3=10$

Section - III

Answer *all* questions. $2 \times 5 = 10$

7. Write short notes on the following :

- (a) Albedo.
- (b) Hadley cell.
- (c) Occluded front.
- (d) Sea breeze.
- (e) Anabatic wind.

P - III (1+1+1) H/16 (N+O)

2016

GEOGRAPHY (Honours)

Ninth Paper

[Settlement and Regional Development]

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

[New Syllabus]

A. Settlement Geography

(Marks - 30)

Section - I

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

1. What do you mean by urban hierarchy ? Discuss the Central Place Theory as stated by Christaller. $3+7=10$

2. 'Physical and cultural environment affect the morphology and patterns of rural settlements' — Justify this statement setting the example in Indian Context. 10

Section - II

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

3. Write a short note on 'Urban agglomeration' with mentioning the definition according to Indian census. 4

P.T.O.

(2)

4. How do functions control the morphology of settlement ? 4

5. Write a brief note on scope of settlement geography. 4

6. Define slum. What are the basic characteristics of slums. 1+3=4

7. Give an account of Ullman's theory of urban morphology. 4

8. Note on functional classification of Indian cities proposed by A. Mitra. 4

Section - III

Answer *all* questions.

9. Write short notes on the following : 2×2=4

(a) Dry and Wet point Settlement.

(b) Industrial suburb.

B. Regional Development

(Marks - 20)

Section - I

Answer any *one* question. 10×1=10

10. Discuss the indicators of regional imbalances in the context of India. What do you mean by nodal region ?

8+2=10

(3)

11. Define functional region. Write note on the techniques of delineating functional regions. 2+8=10

Section - II

Answer any *one* question. 4×1=4

12. Define planning region and mention its characteristics. 2+2=4

13. Write a short note on latest technique of calculating the HDI as proposed by UNDP. 4

Section - III

Answer *all* questions.

14. Write short notes on the following : 2×3=6

(a) Primate city.

(b) Backwash effect.

[Old Syllabus]

Section - I

Answer any *one* question. 20×1=20

1. Explain the causes and consequences of 'Green House Effect'. Why O₃ holes is more extended in south pole than that of north pole. 8+7+5=20

2. Mention the basis of Koppen's climatic classification. Discuss the Koppen's classification of world climate. What are the merits of this scheme ? 5+10+5=20

P.T.O.

(4)

2. Define biome. Mention the geographical location of Tropical evergreen biome. Briefly explain the nature and characteristics of flora and fauna of tropical evergreen biome.

2+2+16=20

Section - II

Answer any *two* questions. 10×2=20

3. Define Wetlands. Mention the relevances of wetland for ecological balance. 2+8=10

4. Explain different components of Bio-diversity and write down its importance. 6+4=10

5. Explain the importance of chemical properties of soil in maintaining soil fertility. 10

6. Give an account of different factor affecting soil formation. 10

Section - III

Answer *all* questions.

7. Write short notes in the following : 2×5=10

(a) Ecological Niche

(b) Pedalfar

(c) Illuviation

(d) Food chain

(e) Ramsar sites in India.

P - III (1+1+1) H/16 (N+O)

2016

GEOGRAPHY (Honours)

Tenth Paper

[Soil Geography and Bio Geography]

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

[New Syllabus]

Group - A

Soil Geography

(Marks - 30)

Section - I

Answer any *one* question. 10×1=10

1. Define the term 'Laterite'. Bring out the development of laterite soil profile. 2+8=10

2. Distinguish between soil texture and soil structure. Explain the role of pH, NPK on fertility of soil. 2+8=10

Section - II

Answer any *four* questions. 4×4=16

3. Assess the role of organic matter in the formation of soil. 4

P.T.O.

(2)

4. What are the advantages and disadvantages of USDA soil taxonomic classification ? 4
5. Define soil profile. What are characteristics of 'A' & 'B' horizon of an ideal soil profile ? 1+3=4
6. Differentiate Zonal soil from Azonal soil. 4
7. Explain the specific content of soil geography in present context. 4
8. Highlight the important methods are employed for soil conservation. 4

Section - III

Answer *all* question : 2×2=4

9. Write short notes on the following :
- (a) Gully Erosion.
- (b) Hard pan.

Group - B

Bio-geography

(Marks - 20)

Section - I

Answer any *one* question (600-700 words) 10×1=10

10. Define biota. Mention the geographical location of Savana biome. What are the characteristics of vegetation of tropical rainforests or selva biome ? 2+3+5=10

(3)

11. Bring out the different components and their relationship in maintaining an ideal ecosystem with special reference to river ecosystem. 10

Section - II

Answer any *one* question (200-250 words) 4×1=4

12. Mention the role of bio-geo-chemical cycle for ecological balance. 4
13. How Laws of thermodynamics applied to flow the energy in ecosystem across the trophic level. 4

Section - III

14. Write a short note on the following (80-100 words) : 2×3=6

- (a) Bio-diversity Hotspot.
- (b) Food web.
- (c) Beta-Diversity.

[Old Syllabus]

Section - I

Answer any *one* question. 20×1=20

1. Define soil structure. Make a textual classification of soils. How does soil texture influence the productivity of soil ? 2+14+4=20

P.T.O.

(4)

Section - III

Answer *all* the questions.

7. Write short notes on : 2×5=10
- (a) Siwalik
 - (b) Immigration
 - (c) Green revolution
 - (d) Large scale industry
 - (e) Over population.
-

P - III (1+1+1) H/16 (N+O)

2016

GEOGRAPHY (Honours)

Eleventh Paper

[Geography of India]

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

[New Syllabus]

Section - I

Answer any *two* questions.

10×2=20

1. Divide India into major physiographic units. Elucidate the origin and development of drainage system in Peninsular India. 3+7=10
2. Discuss the role of monsoon on Indian agricultural economy. What is agro-climatic region ? 8+2=10
3. What do you mean by globalization ? How far globalization is affecting the mining activities in India ? 3+7=10
4. Give an account of the population policy of post independent India. What is over population ? 8+2=10

P.T.O.

(2)

Section - II

Answer any *five* questions : 4×5=20

5. Write a short note on the geomorphological characteristics of Indo-Gangetic plain. 4
6. Discuss briefly the agricultural prospect of black cotton soils in India. 4
7. Describe a short note on Trewartha's classification of Indian climate. 4
8. Write about the problems of Hooghly Jute Textile Industry in West Bengal. 4
9. Write an account on 'green energy' development as a source of non-conventional energy in India. 4
10. Discuss the future prospect of automobile industry in India. 4
11. Give a brief account on the forest conservation policies adopted in India since 1950s. 4
12. Discuss about M.S. Randhawa's classification of Agricultural (1958) Regions in India. 4

Section - III

Answer *all* the questions :

13. Write short notes on : 2×5=10
 - (a) Bhangar
 - (b) Trans Himalaya

(3)

- (c) Superimposed streams
- (d) Industrial sickness
- (e) White revolution.

[Old Syllabus]

Section - I

Answer any *one* question. 20×1=20

1. Divide Himalaya into major relief zones and illustrate them. 5+15=20
2. Give an account on the hydroelectric power of India in context of its localization and production. Also mention the favourable condition for the distribution of hydel power station in India.

Section - II

Answer any *two* questions. 10×2=20

3. Write salient features of drainage system of the Peninsular India. 10
4. Write a brief account on the significance of monsoon on Indian economy. 10
5. Critically assess the population problems in India. 10
6. Give a brief account of the forest-conservation polices adopted in India since independence. 10

P.T.O.

(4)

4. Explain the concept and characteristics of 'Place', 'location', 'space' and 'region'. 10

5. Write about the emergence of man-environment relationship in modern geographical studies. 10

6. Write on contribution of ancient Greek geographers in evolution of Geography as a discipline. 10

Section - III

Answer *all* questions.

7. Write short notes on : 2×5=10

(a) Neo-determinism

(b) Relative space

(c) Gnomon

(d) Questionnaire

(e) Universe.

P - III (1+1+1) H/16 (N+O)

2016

GEOGRAPHY (Honours)

Twelfth Paper

[Geographical Thought]

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

[New Syllabus]

Section - I

Answer any *two* questions. 10×2=20

1. What do you mean by Systematic Geography ? Explain the dichotomy between Systematic and Regional Geography. 3+7=10

2. What is climatic determinism ? Distinguish between determinism and possibilism. 4+6=10

3. Write on the contribution of the German Scholars in the evolution of geographical thought. 10

4. Give an account of Quantitative Revolution in Geographical evolution. 10

P.T.O.

(2)

Section - II

Answer any *five* questions. 4×5=20

5. "Geography is neither earth Science nor Social Science rather spatial science." — Discuss. 4
6. Discuss the contribution of Hartshorne in Geography. 4
7. Write the differences between Site and Situation from the standpoint of Geography. 4
8. Write about the basic characteristics of humanistic geography. 4
9. Discuss the scope and content of Radical Geography. 4
10. Assess the relevance of Quantitative techniques in human geography. 4
11. Discuss the relation of Geography to other sciences. 4
12. Mention regarding the classical view on definition of Geography. 4

Section - III

Answer *all* questions.

13. Write short notes on the following : 2×5=10
 - (a) Spatial Organization

(3)

- (b) 'Cosmos'
- (c) Geocratic view
- (d) Chorology
- (e) 'Antipode'

[Old Syllabus]

Section - I

Answer any *one* question. 20×1=20

1. Discuss about the scope of Geography. What do you mean by ecological approach in geographical study? How far does it differ from other approaches in Geographical study? 10+4+6=20
2. When does a researcher choose sample survey instead of population survey ? Mention the importance of schedule as a tool for data collection in socio-economic survey. Comment on the importance of field work in geography. 8+4+8=20

Section - II

Answer any *two* questions. 10×2=20

3. What is sampling ? Discuss about various methods of sampling. 2+8=10

P.T.O.

(4)

6. Briefly explain Social processes. Distinguish between the scope of Social Geography and Scope of cultural geography. 2+8=10

Section - III

Attempt *all* questions.

7. Write short notes on : 2×5=10

- (a) Class and Caste
 - (b) Lingua Franca
 - (c) Convergence of culture
 - (d) Cultural Region
 - (e) Rural Morphology.
-

P - III (1+1+1) H/16 (N+O)

2016

GEOGRAPHY (Honours)

Thirteenth Paper

[Social and Cultural Geography]

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

[New Syllabus]

Section - I

Answer any *two* questions. 10×2=20

1. Discuss the scope and content of Cultural Geography. 10

2. State with examples the phenomenon of emergence of regions as social entities in India. 10

3. Elucidate the concept of social well being. How is the social well-being measured in developing countries. 2+8=10

4. Distinguish between dialect and language. Make a linguistic classification of India. 4+6=10

P.T.O.

(2)

Section - II

Answer any *five* questions. 4×5=20

5. Write a short note on the Social Structure of Rural Indian Society. 4
6. Discuss 'cooperation' as a conjugative Social Process. 4
7. Note on 'ethnicity' and 'Community'. 4
8. Give a brief sketch of the evolution of Urban-Industrial landscape in India at Post Independence period. 4
9. Discuss shortly about the Socio-economic profile of tribes in West Bengal. 4
10. Discuss the factors responsible for 'Social exclusion' in India. 4
11. What is meant by the term 'religion'? What are the social impacts of 'Religious Orthodoxy' in India ? 1+3=4
12. Write a note on the concept of cultural realm. 4

Section - III

Attempt *all* questions.

13. Write short notes on : 2×5=10
 - (a) Social distance
 - (b) Child abuse
 - (c) Cultural Hearth

(3)

- (d) Rural Functional Literacy Programme (RFLP)
- (e) Assimilation.

[Old Syllabus]

Section - I

Answer any *one* question. 20×1=20

1. Define Cultural Landscape. Discuss with suitable example about the forms of Human Settlement as significant expression of cultural landscape. 4+16=20
2. Give an account on Social Well-being in India. Explain the indicators of Social inequality of developing countries. What is the meaning of the term 'backward'? 8+10+2=20

Section - II

Answer any *two* questions. 10×2=20

3. What is social distance ? Elaborate the role of education in eradicating the shadow of social distance. 2+8=10
4. Give an account on social set-up in Indian Rural Society. 10
5. What are the consequences of Intra-Urban mobility in the twenty first century ? 10

P.T.O.