

West Bengal State University
M.A/ M.Sc. Second Semester Examination, 2024
Department of Geography

GEOPCOR09T: INDIA: RESOURCE APPRAISAL AND MANAGEMENT

Time: 2 hours

Full marks: 50

Answer four questions, selecting one from each unit.

Unit 1: Regions of India

1. What are the bases of physio-economic regions adopted in India? Define Resource Development Region) Briefly discuss any two of them. $3+2+5=10$
2. "India is a land of diversity, yet it maintains its historical integrity" — explain. $=10$

Unit 2: Natural resource appraisal and management

3. What is the National Aquifer Mapping and Management programme (NAQUIM)? Critically analyse India's basin water transfer proposal. $3+7=10$
4. Discuss the role of local communities in participatory forest management initiatives. What is the effect of land reform on productivity and poverty? $4+6=10$

Unit 3: Human and economic Resources

5. What is globalization? Briefly discuss its positive impacts on India's economy. What role has IT sector played in India's globalization? $2+5+3=10$
6. What are the key features of Golden Quadrilateral? Briefly discuss the main objectives of India's trade policy. $6+4=10$

Unit 4: Geography of Deltaic West Bengal

7. Discuss the sources of arsenic in ground water in the deltaic plains of West Bengal. Analyse the causes of arsenic contamination of groundwater in this region. $4+6=10$
8. Account for the decay of heavy industries in deltaic West Bengal. Discuss the present problems of industrialization in this region. $6+4=10$

Internal Assessment = 10

$$7+5+4+7 = 23+7 = 30$$

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GEOPCOR09T: INDIA: RESOURCE APPRAISAL AND MANAGEMENT

Full marks: 50

Time: 2 hours

Answer four questions, selecting one from each unit.

Unit 1: Regions of India

1. Divide India into agro-climatic regions. Discuss any four of such regions with examples.

2+8=10

2. Define economic planning. What is the basis of physico-economic regionalisation of India?

3. Discuss salient features of any two regions in brief.

2+(4+4)=10

Unit 2: Natural resource appraisal and management

4. Explain with examples how the growing popularity of tube well irrigation affected India's groundwater resource. Bring out the major causes of groundwater pollution in India.

7+3=10

5. Discuss about the various attempts of wasteland assessment and classification in India. How does over-grazing aggravate the problem of wastelands?

6+4=10

Unit 3: Human and economic Resources

6. What is population explosion? What factors have led to population explosion in India during 1951-2001?

2+8=10

7. Examine how agriculture promotes industrial development in India. Briefly discuss two causes of industrial sickness in India.

6+4=10

Unit 4: Geography of Deltaic West Bengal

8. Discuss the background and causes of flood in deltaic West Bengal with special reference to the year 2000. State its impact in deltaic West Bengal.

7+3=10

9. Account for the causes of avulsion of main flow in the Ganga and its impact on surface hydrology of deltaic West Bengal. Distinguish between 'Flood Current' and 'Ebb Current'.

8+2=10

Internal Assessment = 10

West Bengal State University
M.A/ M.Sc. Second Semester Examination, 2022
Department of Geography

GEOPCOR09T: INDIA: RESOURCE APPRAISAL AND MANAGEMENT

Full marks: 50

Time: 2 hours

Answer four questions, selecting one from each unit.

Unit 1: Regions of India

1. Discuss the basis of Physical Regionalization following O.H.K. Spate. Delineate India into Planning regions following regionalization proposed by Planning Commission. 4+6=10
2. 'India exhibits diversity amidst political and historical integration'— explain. Mention why India's land diversities have strategic importance. 6+4=10

Unit 2: Natural resource appraisal and management

3. Critically assess the feasibility of the River Linkage project as proposed by the National Water Policy 2002. Why was the earlier proposal of National Water Grid by K.L.Rao not implemented? 7+3=10
4. Highlight the environmental and social impacts of mining in India. What are the prospects of developing bio-fuel in India? 6+4=10

Unit 3: Human and economic Resources

5. Discuss the spatial and temporal trend and patterns of Sex Ratio in India. State the factors for declining Sex Ratio in India. 7+3=10
6. Examine the role of Globalisation on Indian economy with special reference to agricultural and industrial sectors. What is Make in India scheme? 7+3=10

Unit 4: Geography of Deltaic West Bengal

7. Mentioning the basis, delineate the deltaic part of West Bengal. Bring out the salient features of the geomorphic units constituting the deltaic region of West Bengal. 3+7=10
8. Explain the causes of degradation of heavy industries in West Bengal. Mention the prospects of small scale industries in the region. 7+3=10

Internal Assessment = 10

West Bengal State University
M.A/ M.Sc. Second Semester Examination, 2021
Department of Geography

GEOPCOR09T: INDIA: RESOURCE APPRAISAL AND MANAGEMENT

Full marks: 50

Time: 2 hours

Answer four questions, selecting one from each unit.

Unit 1: Regions of India

1. Classify India into agro-climatic regions. Discuss the spatial pattern of agricultural development in any two of them. 4+6 =10
2. Mention the criteria for delineating planning regions. State the importance of multilevel planning in India. 3+7 =10

Unit 2: Natural resource appraisal and management

3. Elaborate on the various biodiversity conservation methods practiced in India with suitable examples. What is Intellectual Property Right ? 8+2=10
4. Discuss the key objectives of rural electrification in India as per the Energy Conservation Act 2001. What can be the possible pathways for their implementation? 4+6=10

Unit 3: Human and economic Resources

5. What is meant by rural-urban linkage? Discuss the major problem of urbanisation in India since 1980s. 3+7=10
6. What is LPG model in the context of Indian economy? Critically analyse the nature of industrial development in India in the 21st Century. 2+8=10

Unit 4: Geography of Deltaic West Bengal

7. Discuss the causes of avulsion of main flow in the Ganges and its impacts on surface hydrology of deltaic West Bengal. What is the effect of tide in siltation of deltaic channels? 7+3 =10
8. Identify the sources of arsenic in deltaic West Bengal. Assess the impact of arsenic contamination on public health. 3+7=10

Internal Assessment = 10

West Bengal State University
M.A/ M.Sc. Second Semester Examination, 2020
Department of Geography

GEOPCOR09T: INDIA: RESOURCE APPRAISAL AND MANAGEMENT

Full marks: 25

Time: 2 hours

Answer any one question from the following (within 600 words)

1 × 10 = 10

1. Define planning region. Classify India into major planning regions with suitable examples. (2+8)
2. Critically assess the feasibility of the River Linkage project to solve the problem of unequal water resource availability in different parts of India. 10
3. What is Urbanization? Critically analyse the consequences of urbanization in India 10
4. Explain the causes and consequences of flood in deltaic West Bengal with the reference to the year 2000. 10

Answer any three questions from the following (within 300 words)

3 × 5 = 15

5. Write a short note on political integration of states in Indian republic after independence.
6. Briefly delineate India into major agro-climatic regions.
7. How does the spread of ravines aggravate the problem of wastelands?
8. Discuss the main characteristics of Social Forestry
9. Briefly discuss the effect of tide on siltation process in the Bhagirathi-Hooghly river channel.
10. Briefly discuss the problems of industrialization in deltaic West Bengal.