

2009**M.Sc. Part-II Examination****GEOGRAPHY****PAPER—VII****Full Marks : 100****Time : 4 Hours**

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Write the answer question of each module in separate books.

Module—13

(Global Environmental Issues—Pollution and Hazards)

[Marks : 50]

Answer any four questions selecting two from each group.

Group—A**Answer any two questions.****2×15**

1. Explain the mechanisms of soil degradation caused by erosion, desertification and mining. 5+5+5

2. Discuss the causes, effects and loss sharing adjustments of bio-physical hazards with special reference to vector-borne diseases in India. Distinguish between endemic and epidemic phases of a disease. 12+3

(Turn Over)

3. Give an account of the existing legislation on *water* and *air* in India. What is the role of EIA in safe development of industries?
4. Explain how is the environment affected due to population growth and technological advancement? Analyse the significance of *regeneration* of forest. 12+3

Group—B

Answer any *two* questions. 2×10

5. What is Non-degradable waste? How is land polluted by dumping the non-degradable waste? 4+6
6. Explain the dimensions of flood hazard in India. Specify the causes of flood risks in the active delta region of West Bengal. 6+4
7. Discuss the various strategies for pollution control in India. 10
8. Write short notes on any *two* of the followings : 5+5
- (a) Keystone species in Biodiversity ;
 - (b) Environmental Management Plan (EMP) ;
 - (c) Role of *poverty* and *crime* as social hazards ;
 - (d) Concept of vulnerability.

Module—14*(Political & Economic Geography)*

[Marks : 50]

Answer any four questions selecting two from each group.

Group—A

1. Distinguish between *accessibility* and *connectivity*. Discuss the concept of distance in brief. Explain the principles of fixation of transport cost. 4+3+8
2. Critically evaluate the relevance of the *Heartland Model* in contemporary global geopolitics. Identify the *modifications* incorporated in the Model in 1943. 10+5
3. Discuss the unilateral, bilateral and multilateral processes involved in Ganga water dispute. Make a comment on 1996 international agreement. 9+6
4. What is WTO? Assess the role of WTO in monitoring international trade? How far global economic recession has affected Indian economy? 2+8+5

Group—B

5. Distinguish between *frontier* and *boundary*. Specify the disadvantages of a land-locked nation. 5+5
6. Assess the socio-economic impact of partition of India. Examine the geo-political necessity of reorganization of the Indian States. 5+5

7. Define balance of payment. How does it regulate the development of a state? 2+8
8. What are the various modes of transportation? Explain comparative cost advantages with suitable examples. 4+6
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