

4007

**GEOGRAPHY AND ENVIRONMENT
MANAGEMENT**

PAPER 1V

Full Marks : 100

Time : 4 hours

The figures in the right-hand margin indicate marks

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

Illustrate the answers wherever necessary

**Write the answers to Questions of each Module
in separate books**

MODULE-7

(Landuse Planning and Management)

[Marks:50]

Answer any *four* questions, selecting *two*
from each Group

GROUP-A

1. How is land conceptualized as an environmental complex ? What are the implications of such concept in landuse planning ? 8+7

(Turn Over)

(2)

2. What are the basic principles, after Graham, that guide utilisation of land ? 15
3. Bring out the significance of-wetlands in the context of ecological, as well as socio-economic sustainability. Explain the consequent problems of land reclamation as are being experienced in the Salt Lake city of East Kolkata. 8+7
4. With specific examples from West Bengal, examine the environmental impacts of landuse changes. How can such changer may lead to social conflicts ? 10 + 5

GROUP—B

5. What are the basic objectives and principles of landuse planning in urban areas? 5+-5
6. Discuss the methods and techniques of landuse planning. 5+5
7. What are the factors of land capability ? Describe the scheme of land classification on the basis of land capability. 3+7
8. Write short notes on any *two* of the following 5x2
 - (i) Land management biologist

(ii) Types of landuse survey

(iti) Landuse problems in mining areas

(iv) Components of rural landscape.

MODULE-8

(Resource use and Management)

[Marks :50.]

**Answer any four questions, taking two
from each Group**

GROUP---A

- 1. Give an account on the world distribution and pattern of major resources . Classify resource on the basis of availability. 10+5**
- 2. Discuss briefly about the use and misuse of land resources. Write about the mechanical measures to check soil erosion. 10+5**
- 3. Evaluate the role and functions of social forestry and agroforestry in protecting Indian forest cover. What is Forest Protection Act. 13+2**

4. Account for the multilevel utilization of marine resources with special reference of fisheries. What are the causes of marine pollution ? 10+5

GROUP-B

5. Give an account on the relationship between Industrial development and Environment taking **examples** from India. 10
6. Write a short note on the alternative methods of **production in agricultural sector.** 10
7. **Write on the necessity for increasing reliance from** conventional of non-conventional sources. 10

What are the causes behind disparities in development between the developed and developing Countries. Evaluate the answers taking examples from both countries. 10