

2015

DDE

M.A./M.Sc. Part-I Examination

GEOGRAPHY

PAPER—IV

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.

Illustrate the answers wherever necessary.

Write the answer question of each Group in separate books

MODULE-7

(Land use Planning and Management)

[Marks : 50]

Group—A

Answer any *two* questions : 2×15

1. Define the concept of Land use. Critically discuss the factors determining Land use pattern of an Urban area with examples. $3+12$

(Turn Over)

2. Elaborate the principles of Land use after Graham. Is there any relevance of it to present day Land use planning and development? 11+4
3. Distinguish between reclamation and amelioration. Highlight the problems of Alkaline soil and suggest reclamation measures of Sundarban. 3+12
4. Briefly discuss the ownership, occupancy and Government control on Land use from the Western countries perspective. Highlight the salient features of National Wetland Conservation and Management Programme by MoEF, Government of India. 9+6

Group—B

Answer any *two* questions : 2×10

5. Briefly outline the objectives of land use survey. Elaborate in brief the methods of Land use survey. 4+6
6. How Land use planning plays a vital role in rural development in India? Discuss urban Land use planning with a case study from India. 4+6
7. Distinguish between 'Land potentiality' and 'Land capability'. Describe the method of Land capability classification after All India Soil and Land Use Survey organisation. 3+7
8. Write short notes (any *two*) : 5+5
 - (i) Importance of soil as a determinant of Land use ;
 - (ii) Role of National Wastelands Development Board ;
 - (iii) Environmental impact of urban Land use.

MODULE-8

(Resources use and Management)

[Marks : 50]

Group—A

Answer any *two* questions : 2×15

1. Discuss with suitable examples the relationship between quality and quantity of resources in connection with the economic, technological and cultural change.
2. Explain with suitable examples how do different types of social forestry bring socio-economic and environmental changes in India?
3. Analyse the economic and environmental significance and future prospects of different types of non-conventional energies in India.
4. Explain how human resources are important for the development of a nation? Identify the pattern of use of human resources in India. 10+5

Group—B

Answer any *two* questions : 2×10

5. What are the causes and consequences of water pollution? 10
6. Analyse the problems and prospects of food processing industries in India. 10

7. Discuss with examples about the scientific methods of conservation and recycling of mineral resources. 10
8. Write down the development disparities between developed and developing countries. 10