

2017

DDE

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

GEOGRAPHY

PAPER—III

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-5

(Settlement Geography)

[Marks : 50]

Group—A

Answer any two questions : 2×15

1. Distinguish between primacy and Lognormality. Justify that Zipf's Rank-size Regularity does not contradict the

(Turn Over)

hierarchical distribution postulated by Christaller.5+10

2. Urbanisation in India is stated to be lopsided. Establish this statement with special reference to its trend of metropolitanization. What is suburbanization and how it takes shape ? 10+5
3. Establish the concept of rural-urban fringe. Describe the stages of fringe area development and state the associated changes in land use pattern. 3+10+2
4. Discuss in brief about different schemes taken for functional classification of urban centres. Assess the methods of urban agglomeration with proper diagrams. 10+5

Group—B

(Answer any two questions) 2×10

5. 'Urbanism is a way of life'— who coined the statement? Justify the statement citing example. Differentiate urbanism from urbanization. 1+6+3
6. Account for the major ecological and environmental problems consequent to rapid urban-industrial growth in a region. What strategies are outlined in National Environmental Policy, 1986 to alleviate these problems? 6+4

7. What do you understand by Urban Agglomeration? Under what situations urban Agglomeration would be constitute? Define Conurbation. 2+8
8. What are the structural elements of CBD? Describe the functions of CBD with special reference to the fast growing metropolises of developing countries? 5+5

MODULE-6

(Population Study)

[Marks : 50]

Group—A

Answer any two questions : 2×15

1. What do you mean by Demography? How is it related to population geography? Mention the characteristics of different sources of population data. 2+6+7
2. What is stream of migration? Mention the nature and consequences of rural urban migration in India. Highlight the major features of Revenstein's Laws of Migrations. 2+6+7
3. Critically discuss the approach of population growth proposed by Malthus. How does Mark's approach differ from Malthus regarding population growth. 10+5

4. Mention salient features of spatial pattern of population growth in India after Independence. Highlight the problems faced by India due to rapid population growth after Independence. 10+5

Group—B

(Answer any *two* questions) 2×10

5. How does age-sex pyramid depict socio-economic development of a country? Define morbidity 8+2
6. Mention the significance of Infant mortality rate and Maternal mortality rate in the population dynamics of any region. Distinguish fertility from fecundity. 7+3
7. Critically explain different stages of Mobility Transition Model made by Zelinsky. Mention the components of poverty measurement. 7+3
8. Differentiate HDI from GDI and highlight major features of spatial pattern of HDI in India. 3+7