

2007

GEOGRAPHY AND ENVIRONMENT  
MANAGEMENT

PAPER-III

*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-5

( *Settlement Study* ).

[ *Marks:50* ]

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

GROUP-A

1. Discuss the principal aspects of the multiple nuclei theory of Urban morphology as proposed by C.D.Harris and E.L.Ullman. What are its applied aspects in the real world ? 12+3

( Turn Over)

2. **Define service centre. What is the basic proposition of Rank size rule of city size distribution ? Explain the concept of Primate city.** 4+6+5
3. **Critically evaluate the Christaller's theory of central place and comment on its applicability in Indian** 12+3
4. **What do you understand by "Rural urban fringe" ? State the functional and morphological characteristics of conurbation with Indian examples.** 5+10

**GROUP-B**

5. **Define urban-social space. Explain the social pattern of a urban space with the help of social area analysis.** 3+7
  6. **Give a brief account on the evolution of human settlements.** 10
  - 7.. **Enumerate the factors responsible for evolution and growth of rural settlement giving examples from India.** 10
- Write short notes on any *two*: 5x2
- (i) House types and forms
  - (ii) Urban Agglomeration

(iii) Evolutionary theory of human settlement

(iv) Central Business District.

**MODULE-6**

*(Population Study)*

*[ Marks :50 ]*

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

**GROUP-A**

1. Analyse the **demographic transition indicating the gradual shifting of economic status of the nation. What are the main types of demographic transition ?** **12+3**
2. **Do you consider fertility as an important component of population change ? Enumerate the factors controlling the fertility rate .** **9+6**
3. **What is age-sex structure ? Critically discuss the theory of population growth as propounded. by Marx.** **3+12**
4. **What are the basic indicators of Human Development Index? Analyse the implication of Human Development Index in developing and developed countries.** **5+10**

GROUP-B

5. **Define poverty line. Discuss poverty alleviation programmes implemented by Govt. of India.** 2+8
6. **Specify the types Migration. Assess the impact of Migration in the respective areas of source and destination.** 4+6
7. **"Different types of language create cultural diversity of India." Illustrate with specific examples.** 10
8. **Write short notes on any two :** 5x2
  - (i) Pronatal and anti-natal
  - (ii) Social causes of famine
  - Ud) Gender Development Index (GDI)
  - (iv) Mortality and morbidity.