

(4)

22. Why is dependency ratio high in India ?
23. What is the full form of HDI and how is it calculated ?

— X —

Ex./FGEOG/501/1/41/2019

BACHELOR OF SCIENCE EXAMINATION, 2019

(3rd Year, 1st Semester)

GEOGRAPHY (HONOURS)

Population and Settlement Geography

Paper - 501 T

Time : Two hours

Full Marks : 50

Symbols/Notations have their usual meaning.

GROUP - A

Answer any *two* questions. 10x2=20

1. Distinguish between Population Geography and Demographic studies. Discuss the scope of population geography in the present day context. Mention the major sources for acquiring population data in India. 3+5+2=10
2. How does age-sex structure influence the demographic pattern of a developing country ? Explain with examples. Bring out the differences in the age sex structure of developed and developing countries. 5+5=10
3. Explain the classical theories of urban structure mentioning their merits and demerits. 10

(Turn over)

(2)

4. Explain the factors influencing rural morphology of settlements. Discuss with examples how rural house types change in relation to the environment. $4+6=10$

GROUP - B

Answer any *two* questions. $5 \times 2 = 10$

5. Differentiate between zero population growth and negative population growth.
6. Discuss the characteristics of Egyptian type of Population Resource Region.
7. Explain the Demographic Transition Model of Population growth.
8. Explain the various methods used to measure fertility.

GROUP - C

Answer any *ten* questions. $10 \times 2 = 20$

9. When does Urban to Rural migration take place ?
10. What do you mean by negative population growth ?

(3)

11. Calculate the Crude Death Rate for Region A when the total deaths in 2011 were 50,000 and total midyear population for that region was 2,00,000.
12. Differentiate between stable and stationary population.
13. What do you mean by vital statistics ?
14. Differentiate between high fertility and morbidity ?
15. Define Megalopolis.
16. Mention the different measures of population density.
17. Why is infant mortality high in third world countries ?
18. Who propounded the Central Place theory and when ?
19. Distinguish between metropolitan area and metropolitan region.
20. What is conurbation ?
21. What is Malthusian Trap ?

(Turn over)