

Ex/SC/GEOG/UG/DSE/TH/01/B/2025

B. SC. GEOGRAPHY EXAMINATION, 2025

(3rd Year, 1st Semester)

COURSE CODE : SC/GEOG/UG/DSE/TH/01/B

SUBJECT CODE : DE502T

(Settlement and Population Geography)

Time : 2 Hours

Full Marks : 50

Unit-I

10×2=20

Answer *any two* questions :

1. Mention the types of rural settlements found in the plain region of India. Explain with examples the changing rural house type with physical environment in northern part of India. 2+8=10
2. Classify urban settlements on the basis of functions. Discuss the evolution of urban settlements in India. 5+5=10
3. (a) Explain the Demographic Transition Model showing the consecutive stages of population growth and annotate the following points for each and every stage in a graph.
 - (i) Pattern of birth rate
 - (ii) Pattern of death rate
 - (iii) Pattern of natural growth of populationAlso mention the reasons for changes in birth rate and death rate separately.
- (b) What are the limitations of demographic transition theory? 7+3=10

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[Turn Over]

(2)

4. Mention the different types of age-sex pyramids and their characteristics. Explain the factors determining the low sex ratio of India. 7+3=10

Unit-II

5×2=10

Answer any **two** questions :

5. Calculate Age Specific Fertility Rate [ASFR] of women aged 30 to 34 years and General Fertility Rate [GFR] from the data sets given in the table below :

Age Group	Live Births	Female Population
15-19	3500	1650000
20-24	21000	145000
25-29	18000	130000
30-34	6000	123000
35-39	1500	115500
40-44	170	99500
45-49	120	92300

5

6. Why do you think the expansion of human capabilities has prime importance in bringing desirable human development? 5
7. Explain the settlement morphology of any Indian village. 5
8. What are the features of NPP 2000? 5

Unit-III

2×5=10

Answer any **five** questions :

9. What is Malthusian Trap?
10. Why is the crude birth rate sometimes misleading?

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[Continued]

(3)

11. What is a Megalopolis?
12. If one country is experiencing negative natural growth of population for the last decade, is it obvious, that country would experience actual negative growth of population as well? Justify your answer.
13. Give four examples of defense towns in eastern part of India.
14. Define demographic dividend.
15. Why is the Vital Registration System called as 'Vital'?
16. What is a Necropolis?

[Internal Assessment : 10]

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