(R) BSc 4 Sem 44

Total number of printed pages–4

1 (Sem–4/FYUGP) GGY 44 MJ

2026

GEOGRAPHY

(Major)

Paper : GGY4400404MJ

(Population and Settlement Geography)

Full Marks : 60

Time : 2½ hours

The figures in the margin indicate full marks for the questions.

1. Answer the following questions : 1×8=8

(a) First stage of demographic transition model is associated with—

(i) Low birth rate and low death rate

(ii) High birth rate and high death rate

(iii) Declining birth rate and low death rate

(iv) High birth rate and low death rate

(b) On which principle is the $K = 4$ hierarchy based in Christaller's Central Place theory ?

(c) The ratio between total population and geographical area is known as _____ .
(Fill in the gap)

(d) What is the Full form of CBD ?

(e) Mention *one* character of a town.

(f) Name *one* high population density zone in the world.

(g) Name the book on Population Geography written by W. Zelinsky.

(h) Name the most populous state of India.

2. Answer the following questions in brief : ***(any six)*** 2×6=12

(a) What do you mean by Population Ageing ?

(b) Define the concepts of 'range of goods' and 'threshold'.

(c) What is Rural-Urban Dichotomy ?

(d) What is the decadal growth rate of population of India as per 2011 census ?

(e) What is over population ?

(f) Define linear settlement.

(g) Give an example of Primate City.

(h) What are the positive and negative checks in Malthus theory of Population growth ?

(i) Give an example of Geometric progression of population growth.

(j) What are the world's 3rd and 4th most populous nations ?

3. Answer the following questions in short : ***(any four)*** 5×4=20

(a) Give an account on the push and pull factors of human migration.

(b) Briefly explain the approaches of population geography.

(c) Write a short note on the morphology of urban settlement.

(d) Distinguish between compact and dispersed settlements.

(e) Explain briefly the zones of urban land use model of E. Burgess.

(f) Write briefly on the growing problems in urban settlements of India.

(g) Throw some light on the sources of population data.

(h) Explain briefly the factors affecting the distribution of population.

4. Answer the following questions : ***(any two)*** 10×2=20

(a) Define Population Geography and explain how the scope of Population Geography has evolved with time. 3+7=10

(b) Discuss the principles of Central Place theory with diagrams and mention the merits and demerits of the same. 8+2=10

(c) Explain the concept of Population-resource relationship with respect to Optimum population and Over-population.

(d) What is Settlement Geography? Elaborate on the scope of Settlement Geography with its present trend. 2+8=10

(e) What is Population Pyramid? Compare the Population Pyramids of developed and developing countries with necessary illustrations. 2+8=10