

Total number of printed pages-4

1 (Sem-3/FYUGP) GGY41MJ

2025

GEOGRAPHY

(Major)

Paper : GGY4300104 MJ

(Geography as a Spatial Science)

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) Who was the author of book *Explanation in Geography*?
 - (b) What is Space?
 - (c) What do you mean by line in Geography?
 - (d) What is Spatial Science?

B11F0 0038

Contd.

(e) Which tool helps the geographers to collect spatial data ?

(a) Microscope

(b) Telescope

(c) GPS

(d) Stethoscope

(f) What does Spatial distribution refer in Geography ?

(g) Give an example of Spatial data.

(h) Which technology is important to collect the Spatial data ?

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

(a) Define Spatial concentration.

(b) What do you mean by Spatial organisation ?

(c) Write *two* roles of Spatial analysis in Geography.

(d) What is System Analysis in geography ?

(e) Mention the importance of Spatial Organization in geography.

- (f) What do you mean by absolute location?
- (g) What is Geographical Landscape?
- (h) Why pattern analysis is important in Geography?
- (i) Mention *two* differences between Social Science and Natural Science.
- (j) What is nomothetic approach in Geography?
3. Answer the following questions : **(any four)**
5×4=20
- (a) "Earth is the home of man." Justify the statement.
- (b) Write a note on Systematic approach in geography.
- (c) Write a note on how GIS helps in Spatial analysis.
- (d) Explain the importance of Spatial process analysis in geographical study.
- (e) Write *two* major scientific approaches in geographical analysis with examples.
- (f) "Geography deals with cause and effect analysis." Justify the statement.

- (g) Explain with example that point, line and area pattern analysis forms the core of geographical analysis.
- (h) "River is an open system". Explain with justification.
4. Answer the following questions : **(any two)**
10×2=20
- (a) What are the various approaches to geographical study? Explain *any one* of them with example. 4+6=10
- (b) How is the concept of point, line and polygon applied in the field of geography to investigate environmental complex system?
- (c) Discuss with examples the systematic and regional approaches in geography. How do they differ in their approaches?
5+5=10
- (d) Explain with suitable examples the concept of Inductive and Deductive methods in geographical studies.
- (e) Define the concept of space. How are absolute space and relative space related with geographic study?
2+4+4=10