

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?

(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

Acc. No.

(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