

2019

MA/MSc

4th Semester Examination

GEOGRAPHY

PAPER – GEO-403

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

*Candidates are required to give their answers in their
Own words as far as practicable.*

Illustrate the answers wherever necessary.

(Turn Over)

Regional Development and Multilevel Planning

Group A

1. Answer any *one* questions : 1×8=8

- a) Elaborate the role of Panchayat Raj Institutions in rural development in India.
- b) Distinguish between disparity and diversity. Explain the present scenario of demographic disparities in India.

Group B

2. Answer any *two* questions : 2×4=8

- a) Why is the decentralized planning approach more suitable in Indian planning?
- b) 'Regional disparity is a policy problem'-Explain.
- c) Differentiate between inducement planning from that of directional planning.
- d) Mention the major determinants of rural development of any region.

Group C

3. Answer any *two* from the following : 2×2=4

- a) What does economic space mean?
- b) What is plan holiday?
- c) Mention the role of BR Mehta committee in framing the Panchayat Raj Institution in India.
- d) What is command area development planning?

Landscape Ecology & Planning**Group A**

Answer any ONE questions from the following: 1×8=8

1. Briefly discuss the multidisciplinary nature of Landscape Ecology as a District scientific discourse.
2. Elaborate the principles used in landscape ecology and state their Modification through time.

Group B

Answer any TWO from the following: 2×4

3. Identify the role of landscape dynamics in giving a landscape a typical pattern.
4. Enumerate the role of GIS in landscape planning with suitable example.
5. Briefly discuss the method of Shanon for estimating biodiversity of an area.
6. How do you delineate homogeneity and heterogeneity of landscape at different Scale?

Group C

Answer any TWO from the following: 2×2

7. Elucidate the role of Traditional Ecological knowledge for managing a Landscape in brief.
8. Differentiate Landscape Corridor from matrix.
9. What are the importance of 'edge' in landscape study?
10. Differentiate 'Ecotone' from 'Ecotope'.