

2017

M.A./M.Sc.

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.

Unit-41

(Regional Development and Multi Level Planning)

Group—A

1. Answer any one from the following questions : 1×8
- (a) Assess the functions of Panchayati Raj Institution in India in rural development.
 - (b) Give a brief account of the socio-economic disparity in India.

(Turn Over)

Group—B

2. Answer any *two* from the following questions : 2×4
- (a) Mention the advantages and disadvantages of centralised and decentralised planning.
 - (b) What was the basic hindrance of applying capitalist approach of planning after Independence ?
 - (c) In what way structure and functions of NITI Aayog are different from that of planning commission ?
 - (d) Critically assess whether the sectoral approach or holistic approach is suitable for rural development.

Group—C

3. Answer any *two* from the following questions : 2×2
- (a) Mention the names of the different levels of Multi level planning in India.
 - (b) What do you mean by hierarchy of regions ?
 - (c) Mention any two objectives of MGNREGA.
 - (d) Give any two reasons for which Govt. of India launched NRHM.

Unit-42**(Landscape Ecology)****Group—A**

4. Answer any *one* from the following question : 1×8
- (a) Briefly discuss the indices used for measuring Landscape diversity. 8
- (b) Delineate the core concept of Landscape ecology and specify the role of landscape ecology for resource management. 8

Group—B

5. Answer any *two* questions : 2×4
- (a) Explain how nutrients flow across landscapes. 2
- (b) State the role of 'keystone species' in characterizing a landscape. 2
- (c) What is meant by habitat heterogeneity and how it is related to ecosystem health. 4
- (d) Explain the factors of landscape fragmentation. 4

Group—C

6. Answer any *two* questions from the following : 2×2
- (a) Define 'Biodiversity hotspot'. 2
 - (b) Make a difference between a patch and a corridor. 2
 - (c) How does the anthropogenic activities responsible for habitat fragmentation. 2
 - (d) What is meant by landscape mosaic? 2
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