M.A./M.Sc. 3rd Semester Examination, 2014

GEOGRAPHY AND EM

PAPER — GEO-303

Full Marks : 40

Time : 2 hours

Answer all questions

The figures in the right-hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

UNIT — XXIX

( Theories in Settlement Geography )

GROUP — A

1. -Answer any one question : 8 \times 1

(a) Account for the urban morphological features using Economic and Politic-Economic Theories or Models.

( Turn Over )
(2)

(b) Critically discuss the concept of market place as outlined by Lösch.

GROUP — B

2. Answer any two questions: 4 × 2

(a) State the principles of factorial ecology in measuring urban social areas.

(b) Explain the theory of urban structure as propounded by Homer Hoyt.

(c) Specify the fundamental structural components and characteristics of Urban Agglomeration in India.

(d) Explain after Moser and Scott the method of multivariate analysis for functional classification of Towns.

GROUP — C

3. Answer any two questions: 2 × 2

(a) State the major features of Ecumenopolis as a stage of urbanisation.
(b) "Transformation of settlement pattern reflects the societal change." — Explain.

(c) How standard deviation method is applied to denote degree of specialization of urban centres?

(d) Highlight the typology of conurbation with examples.

UNIT — XXX

(Environmental Ethics)

GROUP — A

1. Answer any one question: 8 × 1

(a) Bring out the objectives and principles of the National Environmental Policy 2004.

(b) Assess the role of physical and human resources in the formulation of Environmental Management Plan.

(Turn Over)
GROUP – B

2. Answer any two questions: 4 x 2

(a) Distinguish between *Environmental Protection* and *Environmental Monitoring*.

(b) Briefly explain the method of Environmental Risk Analysis.

(c) What is the significance of Environmental Impact Assessment in the selection of any development project?

(d) Justify the incorporation of environmental ethics in genetic monitoring.

GROUP – C

3. Answer any two questions: 2 x 2

(a) How would you correlate preservation of sacred grove to environmental ethics?

(b) Comment on the need for indigenous environmental knowledge in preservation of natural resources.
(c) How does social ecology stimulate environmental ethics?

(d) What is the role of environmental education in dissemination of environmental awareness?