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PG/IIIS/GEO-303/14

**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 × 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.

( 3 )

- (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.

( 4 )

GROUP – B

2. Answer any *two* questions : 4 × 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 × 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.

( 5 )

- (c) How does *social ecology* stimulate environmental ethics ?
  - (d) What is the role of environmental education in dissemination of environmental awareness ?
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