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PG/IIIS/GEO-303/13

M.A./M.Sc. 3rd Semester Examination, 2013

GEOGRAPHY

PAPER – GEO-303

Full Marks : 40

Time : 2 hours

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

**Write the answers to questions of each Unit
in separate books**

UNIT – XXIX

(Theories in Settlement Geography)

(Turn Over)

(2)

GROUP – A

1. Answer any *one* of the following : 8 × 1
- (a) Explain the basis of Statistical description for functional classification of towns and their typology.
 - (b) Critically examine the hierarchy of rural settlements in India.

GROUP – B

2. Answer any *two* of the following : 4 × 2
- (a) Critically assess the relevance of Rank Size Rule in settlement system analysis in India.
 - (b) State the elements of social area analysis and its significance in Urban studies.
 - (c) Bring out the land use characteristics of a growing rural-urban fringe.
 - (d) Account for the role of political economy in shaping the morphology of urban area.

(3)

GROUP – C

3. Answer any *two* of the following : 2 × 2
- (a) What is meant by rural urban continuum ?
 - (b) Point out the urban morphological features after Ullman and Harris.
 - (c) Distinguish between Primacy and Log-normality.
 - (d) Differentiate Conurbation from Urban Agglomeration.

UNIT – XXX

(*Environmental Ethics*)

GROUP – A

1. Answer any *one* question : 8 × 1
- (a) Bring out the Philosophy of Environmental Ethics and examine its relevance for environmental conservation.
 - (b) Give an analytical account of the Environmental laws of the ocean with special reference to India.

(4)

GROUP – B

2. Answer any *two* questions : 4 × 2

- (a) What are the moral duties of the human society in regard to natural environment as put forward by the advocates of Anthropocentrism?
- (b) Highlight the process of risk analysis citing the case of tropical cyclone 'Aila'.
- (c) Explain the process of EIA to be conducted before establishing a sponge Iron factory in an area.
- (d) Comment on the issue of recent increase in noise level and use of fire crackers in the festivals of West Bengal.

GROUP – C

3. Answer any *two* questions : 2 × 2

- (a) What is NEPA?

(5)

- (b) Distinguish between *adaptation* and *mitigation* in the light of fourth IPCC Report.
 - (c) What is the connotation of sustainable development ?
 - (d) Present the view of Peter Singer on Environmental ethics in brief.
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