

**M.A./M.Sc. 3rd Semester Examination, 2009**

**GEOGRAPHY**

**PAPER—GR-2303**

*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)*

*Marks : 20*

*Time : 1 hour*

*(Turn Over)*

GROUP—A

1. Answer any *one* question : 8×1
- (a) Critically discuss how the sector model of Homer Hoyt is different from the multiple nuclei model of Ullman.
- (b) Describe the process of formation of Rural-Urban fringe as a consequence of Urbanization.

GROUP—B

2. Answer any *two* questions : 4×2
- (a) What are the forces of Diversification and Unification as postulated by Zipf?
- (b) Discuss the use and importance of various parameters for Social Area Analysis.
- (c) What are the different principles and their structural arrangement in settlement pattern considered by W. Christaller?
- (d) Write in brief the concept and forms of conurbation.

GROUP—C

3. Answer any *two* questions : 2 × 2
- (a) What do you understand by Gentrification ?
  - (b) Differentiate Megalopolis from Metropolis.
  - (c) What is index of primacy ?
  - (d) What are the key components of Alonso model ?

UNIT—XXX

(*Environmental Ethics*)

*Marks* : 20

*Time* : 1 hour

GROUP—A

1. Answer any *one* question : 8 × 1
- (a) Discuss Environmental Impact Assessment, and briefly outline the method of Environmental risk analysis.
  - (b) Specify the different steps of Environmental Management Planning prior to initiation of a pollution prone industrial unit.

GROUP—B

2. Answer any *two* questions : 4×2
- (a) Explain the importance of environmental education.
  - (b) Give your comments on the lacuna of environmental policy in India.
  - (c) Write briefly about the major sources of noise pollution.
  - (d) Highlight the global issues under the purview of environmental laws of the oceans.

GROUP—C

3. Answer any *two* questions : 2×2
- (a) Define environmental ethics.
  - (b) What is the connotation of *threshold limit*?
  - (c) What is *green bench*?
  - (d) Explain the significance of 65 dB.
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