2014

M.A./M.Sc.

1st Semester Examination

GEOGRAPHY

PAPER—GEO-103

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.

Write the answer Questions of each Unit in separate books

Unit–V

(Climatology)

Group—A

1. Answer any *one* questions from the following :   8×1

   (a) Explain the evidences of past climate changes in the world along with your comments.

   (b) How far jet stream and ENSO phenomena are responsible for vagaries of Indian monsoon ?

Group—B

2. Answer any *two* from the following questions :   4×2

(a) Identify the characteristics of tropical climates with special reference to wet and dry zones.

(b) Enumerate the conditions favourable for genesis of tropical cyclones.

(c) Justify the relationship between climatology and Meteorology

(d) Narrate the meantime influence on coastal weather with reference to temperate belt.

Group—C

3. Answer any *two* from the following questions :   2×2

(a) What is GCM ?

(b) Explain 'rain shadow' with reference to adiabatic process.

(c) Why lighting is associated with thunder storm ?

(d) What is dendrochronology ?

Unit–VI

(Population Geography)

Group—A

1. Answer any *one* from the following question :   8×1

   (a) Bring out the salient features of different waves of Demographic Transition Model with example.

   (b) Describe the major policy issues given in India's population policy document.

                                                    3+5

Group—B

2. Answer any *two* questions :   4×2

   (a) Specify the characteristics of various types of age-sex pyramid and their spatial significance.

   (b) Explain the methods of population projection indicating trend of growth.

   (c) Identify the world population resource regions highlightings the characteristics of any one region.

   (d) Discuss with suitable examples the inter-disciplinary nature of population Geography.

4

Group—C

3. Answer any *two* questions : 2×2

(a) How the logistic growth is different from Exponential growth of population.

(b) What is meant by "Population dividend" ?

(c) Highlight the features of "Zero population growth".

(d) What do you understand by population equilibrium ?

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C/15/M.A./M.Sc./1ᵃ Seme./GEO-103 *TB—125*