2017

M.A./M.Sc.

1st Semester Examination

GEOGRAPHY

PAPER—GEO-103

Subject Code—29

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* question from the following :   1×8

   (a) Explain the phenomena of ELNINO in relation to walker circulation.

   (b) How do we justify the past climate change based on the geological evidence ?

Group—B

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

   (a) Discuss the relationship between climatology and meteorology.

   (b) How does the Jet stream contral the magnitude of temperate cyclone ?

   (c) Briefly explain the maritime influence on coastal weather.

   (d) Mention the major characteristics of the Savanah Climatic Zone.

Group—C

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

   (a) What do you mean by Indian Ocean Dipole (IOD) ?

   (b) What is Saffir-Simpson Scale ?

   (c) Why O^{16} is thought as an effective indicator of past climate ?

   (d) State the climatic characteristics of the 'eye' of tropical cyclone.

Unit–VI

(Population Geography)

Group—A

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

   (a) State the distinct characteristics of different waves of demographic transition.

   (b) Briefly discuss the major features of population resource regions in the light of population resource relationship.

Group—B

2. Answer any *two* questions :   2×4

   (a) Give an account of temporal shifting of Rural-urban population in India Since 1951.

   (b) Explain the structure of rural-urban ratio in India as per Census-2011.

   (c) Mention the major goals of the National Population Policy, 2000.

   (d) What to you mean by carrying capacity and can it be changed ?

(Turn Over)

Group—C

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

   (a) What is natural growth of population ?

   (b) What is know as crude literacy rate ?

   (c) What do you mean by Cohort component in population projection ?

   (d) Mention the Characteristics of "Zero population Growth".

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