2016

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 <u>separate books</u>.

Unit-V

(Climatology)

Group—A

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

   (a) Discuss the influence of Jet Stream on Indian monsoon.   8

   (b) Discuss the evidences of past climatic change.   8

Group—B

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

   (a) Discuss the climatic personalities of Aw climatic zone.

   (b) Assess the role of EL NINO for the occurrences of drought in S-E Asia.

   (c) Describe the structure of Tropical cyclone.

   (d) How antropogenic activities are responsible for global temperature rise ?

Group—C

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

   (a) What is Little Ice Age ?

   (b) Define 'Ferrel's law'.

   (c) Why mean temperature of Bay of Bengal (BOB) is higher than Arabian Sea ?

   (d) Why is ^{16}O isotopes present at higher amount in glacier during cold climatic situation ?

Unit–VI

(*Population Geography*)

Group—A

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

   (a) What is meant by population projection ? Discuss the advantages and disadvantages of different methods of population projection. 2+6

   (b) Mention the different goals and steps proposed in National Population Policy, 2000 in India. 8

Group—B

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

   (a) Mention the role of age-sex pyramid in understanding the population composition of any region.

   (b) Discuss the role of different components of population growth.

   (c) Analyse the causes of rural overpopulation.

   (d) Differentiate between relative and absolute underpopulation.

(Turn Over)

Group—C

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

   (a) Define TFR and MMR.

   (b) Mention the characteristics of USA type in population resource region.

   (c) What are the different stages of demographic transition model ?

   (d) What is meant by carrying capacity ?

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