

2015

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 : 1×8

- (a) Explain the origin of the Nor'westers in South Bengal.
- (b) Discuss the possible causes of climatic changes through geological periods as evidenced from the rock records.

(Turn Over)

Group—B

2. Answer any *two* from the following questions : 2×4
- (a) Explain the role of westerly Jet Streams in global heat and moisture balance.
 - (b) Briefly explain the mechanism of Walker Circulation & ENSO Phenomena.
 - (c) Why is sea surface temperature strongly correlated to latitude ?
 - (d) Explain the maritime influences on coastal weather.

Group—C

3. Answer any *two* from the following questions : 2×2
- (a) Exemplify the significance of time scale in climatology.
 - (b) What is 'break of monsoon'?
 - (c) Identify some characters of highland climate.
 - (d) What is the difference between Climatology and Meteorology.

Unit-VI

(Population Geography)

Group—A

1. Answer any *one* from the following question : 1×8
- (a) Explain the development and recent trend of Population Geography.
 - (b) Bring out the concepts of under population, optimum population and over population in the context of population resource relationship.

Group—B

2. Answer any *two* questions : 2×4
- (a) Account for the Spatio-temporal trend of rural-urban population in India.
 - (b) Elucidate the economic changes experienced during different phases of Demographic Transition.
 - (c) Highlight, with specific example the different factors of carrying capacity.
 - (d) Give an account of types of sex ratio and their determinants.

Group—C

3. Answer any *two* questions : 2×2
- (a) What are the main features of Brazilian types of population resource region ?
 - (b) How do you enumerate the quantitative methods of population projection ?
 - (c) Differentiate Anti natal population policy from pro natal policy.
 - (d) How is population Geography related to Sociology ?
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