

2016

GEOGRAPHY - PAPER-I

Time Allowed : 3 Hours

Full Marks : 200

If the questions attempted are in excess of the prescribed number, only the questions attempted first up to the prescribed number shall be valued and the remaining ones ignored.

Answers may be given either in English or in Bengali but all answers must be in one and the same language.

Illustrate your answer with suitable sketches and diagrams.

Answer any five questions, taking at least two from each group.

Group- A

1. Why is plate tectonics regarded as a unified theory? Bring out the importance of global hydrological cycle in maintaining heat and moisture balance of the earth. [20+20]
2. Explain the factors controlling tropical cyclones. Discuss the characteristic features of Summer Monsoon Rainfall in India. [20+20]
3. Specify the character and significance of the continental shelf. Classify the marine sediments citing suitable examples. [12+8+20]
4. Discuss the different components of an ecosystem. Enumerate the causes and consequences of land degradation. [20+10+10]
5. Elucidate the major objectives and difficulties of map projection. Exemplify the use of GIS in developmental planning. [12+8+20]

Group- B

6. Discuss the problems of plantation farming in the tropics. Why is mining called a 'robber activity'. Specify the structure and importance of BRICS as an economic block. [15+5+20]
7. Elaborate the model of demographic transition. Highlight the differences in major demographic characteristics between the developed and the developing countries. What is 'demographic dividend'? [20+15+5]
8. Explain the concept of stratification of society citing suitable examples. Critically examine the role of Information Communication Technology (ICT) in social integration. [20+20]
9. Detail out functional classification of towns. Explain the concept of 'primate city'? What is urban densification? [25+10+5]
10. Differentiate between 'regional diversity' and 'regional disparity'. Examine the role of transport and communication on regional development. What is micro-level planning? [10+25+5]