

Total No. of Printed Pages—4

ABP/CCM-29/XIV

2015

GEOGRAPHY

FIRST PAPER

Full Marks : 200

Time : 3 Hours

The figures in the margin indicate full marks for the questions

PART-A

Answer any eight of the following questions.

1. Critically discuss the structure and composition of the earth's interior with suitable diagram. 10+6+4=20
2. Define diastrophism. Describe its role to the origin of different types of landform on the earth's surface. 4+16=20
3. What is cycle of erosion? Highlight the processes and patterns of landform development under normal cycle of erosion. 5+15=20

Contd.

4. How do the ocean currents form? Discuss the factors influencing the direction and velocity of ocean currents. $8+12=20$
5. Give a reasoned account of composition and vertical structure of the atmosphere. Explain the causes behind changes in atmospheric composition and temperature with altitude. $14+6=20$
6. State the bases of climatic classification and describe the scheme of world climatic classification as proposed by Koppen. $4+16=20$
7. Mention the major factors influencing global distribution of plants and animals. Explain the need of biodiversity conservation in present day context. $15+5=20$
8. Critically discuss the causes and consequences of global warming and climate change. 20
9. Define an ecosystem. Explain its functioning with special reference to a lake ecosystem. $4+16=20$
10. Explain the dynamic concept of resource. Present a systematic classification of resources with examples. $8+12=20$

11. Define the field of human geography and discuss its importance in present-day context. 8+12=20
12. What is economic geography? Distinguish between systematic and problem-solving approaches to economic geography. 4+16=20

PART-B

Answer any five of the following questions.

13. What are zonal and azonal soil? Mention the characteristic profile of a zonal soil with the help of a diagram. 2+6=8
14. What is Slum area? Mention its major characteristics. 2+6=8
15. What is desertification? Highlight its causes, consequences and controls. 2+6=8
16. Define airmass and give its systematic classification. 2+6=8
17. Highlight the contemporary demographic character of European countries. 8
18. Discuss the causes and consequences of international migration with special reference to Bangladeshi migration to India. 8

19. Discuss in brief about the production pattern and trade of petroleum in the world.

4+4=8

20. Give a brief account of tropical forest biomes of the world.

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