

MAY 2012

P/ID 4421/PGJA

Time : Three hours

Maximum : 100 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions not exceeding 50 words each.

Write short notes on the following.

1. Diastrophism
2. Sea floor spreading
3. Soil creep
4. Deltas
5. Stratosphere
6. Hadley Cell
7. Warm Front
8. Green House gases
9. Ocean Trenches
10. Tides

SECTION B — (5 × 6 = 30 marks)

Answer ALL questions not exceeding 250 words each.

11. (a) Draw and explain the interior of the earth.
Or
(b) Write about continent – ocean collision and mountain building.
12. (a) What are the factors controlling weathering? Explain.
Or
(b) Write a note on the erosional features produced by glaciers.
13. (a) Write a brief note on the horizontal distribution of pressure over the earth surface.
Or
(b) What are Jet streams? Explain.
14. (a) Give an account of the different cloud types.
Or
(b) Write a short note on the hydrological cycle.
15. (a) What are ocean deposits? Elaborate.
Or
(b) Give an account of global warming and sea level changes.

SECTION C — (5 × 10 = 50 marks)

Answer ALL questions not exceeding 500 words each.

16. (a) Give a detailed classification of sedimentary rocks. What are the characteristics of sedimentary rocks?

Or

- (b) Write an essay on plate tectonics.

17. (a) Explain in detail the 'cycle of erosion' according to W.M.Davis.

Or

- (b) Write an essay on the land forms resulting from fluvial action in the desert.

18. (a) Draw and explain in detail the Heat Budget of the earth.

Or

- (b) Give an account of the mechanism of Indian Monsoons.

19. (a) Classify air masses and explain their characteristics in detail.

Or

- (b) What are the effects of Global warming on the earth's environment?

20. (a) Give a detailed account of the bottom relief of the Atlantic Ocean.

Or

(b) Write an essay on ocean Hazards.
