

MAY 2015

P/ID 4421/PGJA

Time : Three hours

Maximum : 100 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions and not to exceed 50 words.

Write short notes on the following:

1. Sink Holes
2. Archean Era
3. Gnesis
4. Moraines
5. Syncline
6. Magma
7. Tides
8. Uvala
9. Ocean Currents
10. Caves

PART B — (5 × 6 = 30 marks)

Answer ALL questions and not to exceed more than 250 words.

11. (a) Write a short note on igneous rocks.

Or

(b) Explain the continental drift theory.

12. (a) Explain the types of weathering.

Or

(b) Briefly describe on Geomorphic cycle.

13. (a) Write a short note on the concept and origin of Indian Monsoon.

Or

(b) Explain El Nino and La Nina.

14. (a) Describe the structure of atmosphere with illustrations.

Or

(b) Bring out the important features of Jet Streams.

15. (a) Explain the classification of clouds.

Or

- (b) Write a short note on Cyclones.

PART C — (5 × 10 = 50 marks)

Answer ALL questions and
not to exceed more than 500 words.

16. (a) List out the evidence and process of global warming.

Or

- (b) Explain the meaning and concept of climate change.

17. (a) Write a detailed account on Heat Budget.

Or

- (b) Discuss the factors affecting the horizontal distribution of air temperature.

18. (a) Write an essay on coastal zone management.

Or

- (b) Discuss the role of geomorphology in hazard management.

19. (a) Explain and classify the characteristics of cyclones.

Or

- (b) Write a short note on Hydrological cycle.

20. (a) Critically evaluate the W.M. Davis theory of normal cycle of erosion.

Or

- (b) Write a short note on sea level changes and marine environment.
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