

DECEMBER 2015

P/ID 4421/PGJA

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Time : Three hours

Maximum : 100 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions in about 50 words each.

Write short notes on the following:

1. Hill
2. Fault
3. Pot Holes
4. Cascade
5. Alluvial Fans
6. Ox Bow Lake
7. Crater
8. Neap Tides
9. Anti cyclones
10. Doldrums

SECTION B — (5 × 6 = 30 marks)

Answer ALL questions in about 250 words each.

11. (a) What are sedimentary rocks?

Or

(b) Define the term Frontogenesis.

12. (a) Explain the different types of volcanoes.

Or

(b) Explain the interior structure of the earth.

13. (a) Explain the classification of rocks.

Or

(b) Give a brief note on the theories of mountain building.

14. (a) Define insolation and explain the factors affecting insolation.

Or

(b) Give a short note on Land and Sea breeze.

15. (a) Give a short note on coral reef.

Or

- (b) Explain mass wasting.

SECTION C — (5 × 10 = 50 marks)

Answer ALL questions in about 500 words.

16. (a) Explain the different types of erosional features.

Or

- (b) Give a detail account on distribution of temperature in India.

17. (a) Critically analyses the factors affecting the marine erosion.

Or

- (b) What is Pollution? Give an account of the air pollution caused by the technological development.

18. (a) Explain in detail on the characteristics of air masses.

Or

- (b) Explain in detail the latent heat and the global balances of energy and water

19. (a) Describe in detail the Koppen climatic classification system.

Or

- (b) Explain in detail about Tropical Cyclones.

20. (a) Explain the working mechanisms of ocean current.

Or

- (b) Give a brief note on distribution of salinity and ocean deposits.
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