No. of Printed Pages : **3**

21APG1S1LP

Sl. No.

M.Sc. I Semester Degree Examination, April/May - 2024

APPLIED GEOLOGY

Field Geology and Cartography

(NEP)

Time : 1 Hour **Maximum Marks : 30**

Note : *Answer* **all** the questions.

1. Rocks which are made up of one mineral are called as :
(A) Monomineralic (B) Polymineralic
(C) Hydromineralic (D) Nanomineralic

2. Geological field work is important to :
(A) Understand rocks in their natural environment
(B) Their natural relationship to one another
(C) Both (A) and (B) are correct
(D) Only (A) is correct

3. In the following one is not a geological map :
(A) Topographic map (B) Cadastral Map
(C) Structural Map (D) Cross-section map

4. How old do Geologists believe the Earth is ?
(A) 2024 years old (B) 3.6 billion years old
(C) 4.6 billion years old (D) 4.6 million years old

5. The 0 degree line of latitude is the :
(A) Equator (B) Prime Meridian
(C) N-S pole (D) International Date Line

6. The scientific study of landforms at the surface of the Earth is known as :
(A) Geophysics (B) Geochemistry
(C) Hydrogeology (D) Geomorphology

7. A person who studies rocks is called :
(A) A Rock Star (B) A Petrologist
(C) A Geochemist (D) A Hydrologist

P.T.O.

8. How many centimetres are there in one kilometre ?
(A) 1,000 cm (B) 10,000 cm
(C) 1,00,000 cm (D) 10,00,000 cm

9. The Survey of India has been established in :
(A) 1667 (B) 1767 (C) 1867 (D) 1967

10. What is the thickness of the crust under the Himalayan Mountain Area ?
(A) 60-65 km (B) 70-75 km (C) 80-85 km (D) 90-95 km

11. Each degree of latitude or longitude can be broken down into 60 equal parts known as :
(A) Seconds (B) Minutes (C) Hours (D) Days

12. The average Earth surface temperature is :
(A) 32°C (B) 18°C (C) 22°C (D) 15°C

13. The_____ may be defined as the representation of the earth's pattern as a whole or part of it :
(A) Diagram (B) Scale (C) Map (D) Graph

14. Which of the following are the examples of small scale maps ?
(A) World map (B) City map (C) Atlas map (D) Both A and C

15. Geological maps are actually :
(A) Topographical map (B) Cadastral map
(C) Town map (D) Atlas map

16. Which day is observed as 'Earth Day' ?
(A) 21st March (B) 5th June (C) 22nd April (D) 24th May

17. In Topographical Map produced by Survey of India, the sheet Number is written in
(A) The bottom right corner (B) The bottom left corner
(C) The top left corner (D) The top right corner

18. The art of map making is called :
(A) Drawing (B) Sketch (C) Cartography (D) All of the above

19. Which is not a rock type ?
(A) Metamorphic (B) Igneous (C) Geomorphic (D) Sedimentary

20. Which of the planets is not geologically active ?
(A) Earth (B) Mars (C) Mercury (D) Venus

21. Which classification of rock is not found in rock cycle ?
(A) Sedimentary rock (B) Metamorphic rock
(C) Cemented rock (D) Igneous rock

22. The most common mineral found in rock is :
(A) Dolomite (B) Calcite (C) Haematite (D) Quartz

23. Topography of an area refers to its :
(A) Terrain (B) Population (C) Culture (D) Vegetation

24. The amount of information to be represented on the map depends on :
(A) Symbol (B) Scale (C) Projection (D) All of the above

25. Field work skills are :
(A) Observational skills (B) Map work and investigative skills
(C) Both A and B are correct (D) Only A is correct

26. The method of mapping depends on the :
(A) Size of the area (B) Degree of accuracy aimed at
(C) Amount of details required (D) All of the above

27. The part of the Earth below the Equator is called as :
(A) Northern Hemisphere (B) Southern Hemisphere
(C) South Pole (D) North Pole

28. Field geologists thus attempt to :
(A) Describe (B) Explain surface features
(C) Underground structures (D) All of the above

29. In studying an area a geologist proceeds along the route is :
(A) Traverses (B) Mapping (C) Sailing (D) Walking

30. Who prepares the topographical maps of India ?
(A) Geological Survey of India (B) Geographical Survey of India
(C) Survey of India (D) Anthropological Survey of India

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