

(POL/GEO/CA)

1. Which of the following evidence supports the Continental Drift Theory proposed by Alfred Wegner?
 1. Jig Saw fit of South American and African coastlines.
 2. The occurrence of rich placer deposits of gold in the Ghana coast despite the absence of source rocks.
 3. Distribution of identical fossils across oceans.

Select the correct answer using the code given below.

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only

(d) 1,2 and 3

2. Which of the following rivers drain into the Bay of Bengal?

1. Subarnarekha
2. Vamsadhara
3. Periyar
4. Kalinadi

Select the correct answer using the code given below.

(a) 1 and 2 only

- (b) 3 and 4 only
- (c) 1,2 and 3 only
- (d) 1,2 and 4 only

3. This soil develops on crystalline igneous rocks in areas of low rainfall in the southern and eastern parts of the Deccan Plateau. They are normally fertile, whereas in dry upland areas the soil has poor fertility due to coarse-grained structure. They are generally poor in humus, phosphorus, and nitrogen. The above-mentioned paragraph refers to which of the following soils?

- (a) Black soil
- (b) Laterite soil
- (c) Red and Yellow soil**
- (d) Alluvial soil

4. Consider the following statements regarding Primary, Secondary and Surface Seismic Waves:

1. The wave length of Seismic wave is the shortest in size.
2. Secondary waves can move only through solid substances.
3. Primary waves have the highest speed- about 5 to 14 km per second.

Which of the above statements is/are correct?

- (a) 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) All of the above

5. Match list-1 with list-2

List-1

List-2

- | | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| A. Weathering | 1. It can be defined as the transferring of mass of rock and debris down the slopes under the direct influence of gravity. |
| B. Erosion | 2. It is a process in which Earth materials are worn away and transported by natural forces such as wind and water. |
| C. Mass Movements | 3. It can be defined as the process of breaking up or decomposing of rocks by the action of water, air, chemicals, plants or animals. |

Codes:

- (a) A-1, B-2, C-3
- (b) A-3, B-2, C-1
- (c) A-3, B-1, C-1**
- (d) A-1, B-3, C-2

6. The movement of ocean currents is influenced by:

1. Movement of winds
2. Salinity of the ocean

3. Coriolis force

Select the correct answer using the code given below.

- (a) 1 and 3 only
- (b) 2 and 3 only
- (c) 1 and 2 only
- (d) 1, 2 and 3**

7. Which of the following best describes the process of "Lithification"?

- (a) It is process of formation of rocks through compaction of sediments.**
- (b) It is the process of erosion of rocks and their deposition in deltaic plains.
- (c) It refers to the cooling of magma to form lava plains.
- (d) It refers to the metamorphosis of rocks under heat and pressure.

8. Which of the following is/are correct about El-Nino?

- 1. It is merely an extension of the warm equatorial current which gets replaced temporarily by cold Peruvian current.
 - 2. El-Nino event has led to delay in the onset of southwest monsoon over the Indian-subcontinent.
- Select the correct answer using the code given below.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2**
- (d) Neither 1 nor 2

9. Which among the following ranges forms the meeting point of Eastern and the Western Ghats?

- (a) Nilgiri Hills**
- (b) Javadi Hills
- (c) Satmala Hills
- (d) Nallamalla Hills

10. Which of the following Indian states is also referred to as the "Molassis basin"?

- (a) Assam
- (b) Punjab
- (c) Mizoram**
- (d) Tamilnadu

11. Which among the following constitutes the strongest argument in favour of democracy?

- (a) The democratically elected leaders know the best interest of the people.
- (b) The decisions are taken after many consultations and discussions.
- (c) The existence of democracy enhances the dignity of citizens.**
- (d) Democracy solves the socio-economic problems of a nation.

12. Consider the following statements regarding PARAKH Portal (Programme):

- 1. It will conduct assessments for both students and teachers at schools.
- 2. It is launched by the All India Council for Technological Education (AICTE).

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2**
- (d) Neither 1 nor 2

13. Who among the following do not hold office during the pleasure of the President?

- 1. Attorney General
- 2. Comptroller and Auditor General
- 3. Members of Union Public Service Commission
- 4. Chief Election Commissioner

Select the correct answer using the code given below.

- (a) 1 and 2 only
- (b) 2, 3 and 4 only**
- (c) 1, 3 and 4 only
- (d) 1, 2 and 4 only

14. Which among the following is not explicitly stated in the Constitution of India but implicitly provided under it?

1. Doctrine of Eminent Domain
2. Doctrine of Basic Structure
3. Doctrine of Eclipse

Choose the correct answer from the options below:

- (a) 1 and 2 only
- (b) 1 only
- (c) 3 only

(d) 1 and 3 only

15. The Constitution of India provides for a

- (a) Single Polity and Dual citizenship
- (b) Dual Citizenship and Dual Polity
- (c) Single citizenship and Dual Polity**
- (d) Single citizenship and Single Polity

16. "When personal liberty is taken away by competent legislation, then the judiciary cannot set the affected person free." This statement implies which one of the following concepts?

(a) Procedure Established by Law

- (b) Due Process of Law
- (c) A law passed with reasonable restrictions
- (d) A law passed during the National Emergency

17. The Indian Constitution guarantees which of the following to the citizens?

1. Equality of status
2. Equality of opportunities
3. Equality of outcomes
4. Equality before law

Select the correct answer using the code given below.

- (a) 1, 2 and 3 only
- (b) 2, 3 and 4 only
- (c) 1, 3 and 4 only

(d) 1, 2 and 4 only

18. With reference to the District Planning Committee (DPC), consider the following statements:

1. The 74th Amendment Act provides for the establishment of DPC.
2. All members of the DPC are nominated by the Governor of the state.
3. It has representation of both rural and urban population of the district.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 3 only**
- (d) 1, 2 and 3

19. On premature dissolution of panchayat after 2 years of its constitution:

- (a) It will be reconstituted to serve a full term of 5 years
- (b) No fresh elections shall take place for remainder of the term
- (c) It will be reconstituted to serve remainder of the period**
- (d) State legislative assembly shall decide the course of action

20. After the expansion of the scope of Article 19 by the Supreme Court, which of the following provisions are included under its ambit?

1. Right to Access the Internet
2. Right to be informed
3. Right not to listen

Choose the correct answer from the options below:

- (a) 1 only
- (b) 2 and 3 only
- (c) 3 only

(d) 1, 2 and 3

21. With reference to Artemis 1, which of the following statements are correct ?

1. It is a crewless moon-orbiting mission.
2. Artemis 1 is launched by NASA.
3. It aims to build a long-term human presence on the Moon for decades to come.

Select the correct answer using the code given below :

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only

(d) 1, 2 and 3

22. The term 'Super Vasuki' recently seen in the news is related to which of the following ?

- (a) Supercomputer
- (b) Freight train

(c) Venomous snake

(d) Genetically Modified goat

23. The recently launched NIRYAT Portal will help in breaking silos by providing real-time data to all stakeholders. It is a :

- (a) One-stop place for all info needed on India's foreign trade.**
- (b) One-stop place for all info needed for business startups.
- (c) One-stop place for all info needed for women's helpline.
- (d) One-stop place for all info needed on subsidies for Indian farmers.

24. Recently, which of the following state has launched a campaign titled "Samagra Siksha Abhiyan" under Arohini Initiative training program for the empowerment of the girls?

- (a) Madhya Pradesh
- (b) Rajasthan
- (c) Karnataka

(d) Uttar Pradesh

25. Recently, "GJ1002b and GJ1002c" have been discovered. They are a type of which of the following?

- (a) Asteroid
- (b) Galaxy
- (c) Planets**
- (d) Dwarf Red Star