

TARGET PRELIMS- 2019

TEST- 14

1. Consider the following regarding Conditions required for growth of corals:

1. Warm tropical oceans with minimum temperature of 20 degree.
2. They are primarily located between 30 degree north and 25 degree south latitudes
3. Oceanic water must free of sedimentation and should have relatively low salinity.

Select the correct statement using given code below:

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

2. Consider the following statements made about sedimentary rocks:

1. Sedimentary rocks are formed at earth's surface by the hydrological system
2. Formation of sedimentary rocks involves the weathering of pre-existing rocks
3. Sedimentary rocks contain fossils
4. Sedimentary rocks typically occur in layers

Which of these statements are correct?

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

3. Which of the following are the chemical weathering processes?

1. Solution
2. Carbonation
3. Hydration
4. Salt weathering

Select the correct answer using the codes given below.

- (a) 1, 2 and 3 only
- (b) 2, 3 and 4 only
- (c) 1 and 2 only
- (d) All the above

4. With regards to the Global Tiger Recovery Program (GTRP):

1. It has been developed with the shared goal of doubling the number of wild tigers globally by 2022

2. Recently, Stock Taking Conference on Tiger Conservation held on the status of GTRP
3. This is the first conference organised by the Global Tiger Forum (GTF)

Select the correct statements using given code below:

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

5. Which of the following factors may cause Earthquakes?

1. Volcanic eruptions
2. Land slides
3. Cyclones
4. Movement of a part of earth's surface on account of the faulting of rock

Select the correct answer using given code below:

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

6. Which of the following is/are *incorrect* regarding Geographical Indication (GI) and Alphonso mango?

- (a) Alphonso mango is considered as king of mangoes basically from Karnataka
- (b) Alphonso has joined list of 325 products from India with GI tag.
- (c) GI is covered as element of intellectual property rights (IPRs) under Paris Convention for Protection of Industrial Property.
- (d) Violation of GI tags is punishable offence under law.

7. In the South Atlantic and South-Eastern Pacific regions in tropical latitudes, cyclone does not originate. What is the reason?

- (a) Sea surface temperatures are low
- (b) Inter-Tropical Convergence Zone seldom occurs
- (c) Coriolis force is too weak
- (d) Absence of land in those regions

8. Which of the following are necessary conditions for generation of Tsunami waves?

1. Earthquake

2. Vertical displacement of water in ocean
3. Fast wind speed on the surface of the ocean

Select the code from following:

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

9. Consider the following statements regarding Khangchendzonga Biosphere Reserve:

1. It is located in Himalayan state of Sikkim included in UNESCO designated World Network of Biosphere Reserves (WNBR),
2. It is the 11th Biosphere Reserve in India to achieve this recognition under 'mixed' category

Select the correct statement using given code below:

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

10 . Consider the following pairs.

Types of volcano	Example
1. Composite	Hawaiian
2. Shield	Mt. Vesuvius
3. Fissure type	Deccan traps
4. Caldera	Krakatoa

Which of the above pair /is are correctly matched?

- (a) 1 and 3 only
- (b) 1, 2 and 3 only
- (c) 3 and 4 only
- (d) All the above

11. Consider the following statements regarding Palaeocene-Eocene Thermal Maximum (PETM):

1. It was associated with rapid doubling of atmospheric CO₂ in less than 25 thousand years because of CO₂ emissions from volcanoes.
2. Its period coincided with the formation of massive 'flood basalts' — large stretches of ocean floor coated in lava due to huge eruptions.

Select the correct statements using given code below:

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

12. What explains the eastward flow of the equatorial counter-current?

- (a) The Earth's rotation on its axis
- (b) Convergence of the two equatorial currents
- (c) Difference in salinity of water
- (d) Occurrence of the belt of calm near the equator

13. Which of the following best describe the aim of 'Green India Mission' of the Government of India?

1. Incorporating environment benefits and costs into the Union and State Budgets thereby implementing the 'green accounting'.
2. Launching the second green revolution to enhance agriculture output so as to ensure food security to one and all in the future.
3. Restoring and enhancing forest cover and responding to climate change by a combination of adaptation and mitigation measures.

Select the correct answer using the code given below:

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

14. Consider the following statements about Purvanchal hills

1. Purvanchal hills align in east-west direction and are lesser in elevation than the western Himalayas
2. The Garo, Khasi and Jaintia Hills form a westward extension of these hills
3. The rock structure and composition of Eastern Ghats is same to that of Purvanchal hills

Choose the correct statement(s) using the codes below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) None of the above

15. Which of the following is/are true regarding International Geological Congress (IGC)?

1. It aims to bring together the geo-scientific community across the continents and oceans.
2. It is held once every four years under aegis of IUGS through process of global bidding.
3. India is going to host 36th International Geological Congress (IGC) in 2020 in NCR New Delhi.

Select the correct statements using given code below:

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

16. Consider the statements regarding the cyclones.

- 1) In a cyclone, the air circulation is clockwise in the Northern Hemisphere and anti-clockwise in the Southern Hemisphere.
- 2) Tropical cyclones being embedded in the Trade winds, in general move from East to West.
- 3) Temperate cyclones being embedded in the Westerlies, in general move from West to East.

Choose the correct statement/s from the following codes.

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

17. Consider the following statements regarding the west Antarctic rift system:

1. Britain researchers discovered the largest volcanic region on Earth, two km below the surface of the vast ice sheet in west Antarctica.
2. This region is larger than east Africa's volcanic ridge which is currently rated as the densest concentration of volcanoes in the world.
3. It will enhance sea level rises that are already affecting our oceans due to climate change.

Select the correct statements using given code below:

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

18. Consider the below statements in regard to different seismic waves:

1. Surface waves is the most destructive one among the all types of seismic waves.
2. P and S waves both forms shadow zones and shadow zone of P waves is larger than that of S wave.
3. Shadow zones forms due to varying refractive indexes of different layers of earth.

Which of the statements given above are correct?

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

19. Weathering is the basic and first step in soil formation. Consider the statements regarding weathering.

- 1) The rate of weathering increases with increasing steepness of the slope.
- 2) Mechanical weathering is higher in humid regions than in drier regions.
- 3) Chemical weathering is higher in drier regions than in humid regions.

Choose the correct statement/s from the codes below.

- (a) 1 only.
- (b) 2, 3 only.
- (c) 1, 3 only.
- (d) All the above.

20. Consider the following statements *incorrect* regarding the National Child Labour Project:

- (a) It is a rehabilitative scheme that provides bridge education and vocational training to adolescents.
- (b) India has ratified convention No138 and 181 of ILO to combat child labour
- (c) The ratification of these conventions will help in achieving Goal 8 of the sustainable development goals
- (d) The government has recently amended the Child Labour (Prohibition and Regulation) Act, 1986 which came into effect in 2018

21. Consider the following pairs: Community sometimes mentioned in the news In the affairs of

1. Kurd : Bangladesh
2. Madhesi : Nepal
3. Rohingya : Myanmar

Which of the pairs given above is/are correctly matched?

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

22. Which of the following is/are correct about the scenario of water resource in India?

1. Out of the total precipitation, only 28 percent of the water is available to usage.
2. Availability of ground water is higher than surface water.
3. Agriculture consumes maximum amount of available water.

Select the correct answer using the code given below

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



23. Consider the following statements:

1. The Sustainable Development Goals were first proposed in 1972 by a global think tank called the 'Club of Rome'.
2. The Sustainable Development Goals have to be achieved by 2030.

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

24. Consider the following statements regarding Microplastic:

1. Plastic pieces that are less than 5mm in length are called microplastics
2. Microplastics are detrimental to the intestinal function and reproductive system.

Select the correct statements using given code:

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

25. Which of the following is not a member of 'Gulf Cooperation Council'?

- (a) Iran
- (b) Saudi Arabia
- (c) Oman
- (d) Kuwait