

**GEOGRAPHY**

1. Consider the following statements.

1. Sea floor spreading is caused by the constant volcanic eruptions at the ocean floor.
2. The Ocean Crust rocks are older than the continental rocks.
3. The deep trenches have deep-seated earthquake occurrences while in the mid-oceanic ridge areas, the quake foci have shallow depths.

Which of the above statements is/are correct?

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

2. Consider the following statements regarding Anticyclones.

1. Anticyclone is a large atmospheric circulation system with the wind flowing clockwise around them in the Southern Hemisphere and counter-clockwise in the Northern Hemisphere.
2. Cloudy conditions and precipitation exists at the periphery of anticyclones.

Which of the above statements is/are correct?

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

3. Consider the following statements regarding Archean rock system in India.

1. Archean rock system is the youngest of all the rock systems.
2. It is found in Aravalli Mountains, Deccan peninsula and some parts of north east India.
3. These rocks have abundant metallic and non-metallic minerals such as iron, copper and manganese.

Which of the above statements is/are correct?

- a) 1, 2
- b) **2, 3**
- c) 1, 3
- d) 1, 2, 3

4. Which of the following factors leads to the winter rainfall in Northern India in Punjab and Haryana?

- a. Anti cyclonic circulation patterns in Northern India in winter
- b. Northeast monsoon crossing over the Bay of Bengal
- c. **Arrival of weak temperate cyclones from the Mediterranean Sea**
- d. All of the above

5. Consider the followings statements.

1. Atmospheric pressure is caused due to the weight of the overlying atmosphere.
2. Isobars that are widely spaced apart indicate strong winds or a high-pressure gradient.
3. Coriolis force determines that moving air masses in the northern hemisphere and southern hemisphere deflect in exactly the same direction.

Which of the above statements is/are incorrect?

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

6. Consider the following statements.

1. Density is lowest near the surface of the earth and increases with increasing altitude.
2. Thickness of the troposphere is greatest at the equator because heat is transported to great heights by strong convectional currents.
3. One important feature of the stratosphere is that it contains the ozone layer.

Which of the above statements is/are correct?

- a) **2, 3**

- b) 1, 2
- c) 3 only
- d) 1, 2, 3

7. Consider the following statements.

1. In the Mesosphere, temperature starts increasing with the increase in altitude.
2. Radio waves transmitted from the earth are reflected back to the earth by Ionosphere.
3. The International Space Station orbits in the thermosphere.

Which of the above statements is/are correct?

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

8. Consider the following statements.

1. Tornados and cyclones do not co-exist.
2. Tornadoes are much smaller in scale than hurricanes.
3. The direction of rotation of a hurricane/cyclone is decided by the direction of earth's rotation, which is not the case with tornadoes.

Which of the above statements is/are correct?

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

9. Which of the following are the examples of Foot loose industry?

1. Diamonds
2. Sugar industry
3. Computer chips
4. Aluminium industry

Select the correct answer code:

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

10. Arrange the following industrial towns of Chotanagpur plateau region from north to south direction.

1. Ranchi
2. Dhanbad
3. Bokaro
4. Jamshedpur

Select the correct answer code:

- a) 3-2-4-1
- b) 2-3-1-4**
- c) 2-3-4-1
- d) 3-2-1-4

### **ANCIENT AND MEDIEVAL HISTORY**

11. Consider the following statements.

1. The people of Neolithic Age used clothes made of cotton and wool.
2. During the Neolithic phase, the cultivation of plants and domestication of animals led to the emergence of village communities based on sedentary life.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only**

- c) Both 1 and 2  
d) Neither 1 nor 2

12. Consider the following statements regarding Mesolithic and Neolithic cultures.

1. Hunting-gathering pattern of life was prevalent both in Mesolithic and Neolithic period.
2. Evidence of pottery is absent from the Neolithic culture but is markedly found in Mesolithic culture.
3. Mesolithic cultures did not practice domestication of animals unlike Neolithic people.

Which of the above statements is/are correct?

- a. 1, 2  
b. 1 only  
c. 1, 3  
d. 2, 3

13. With reference to Ancient India, Consider the following statements regarding Shrenis?

1. Many crafts persons and merchants formed associations known as shrenis.
2. Shrenis served as banks, where rich men and women deposited money.
3. They vehemently opposed religious institutions and traditions

Which of the above statements is/are correct?

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

14. Consider the following statements regarding the principal features of Later Vedic Period.

1. Larger kingdoms were formed during the later Vedic period.
2. A large number of new officials were involved in the administration in addition to the existing purohita, senani and gramani.
3. Iron was not used in this period and instead copper was used extensively.

Which of the above statements is/are correct?

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

15. Consider the following statements.

1. Samudragupta was the first ruler of the Gupta dynasty to adopt the grand title of maharajadhiraja.
2. Allahabad pillar inscription was composed as a Kavya by Harishena.
3. Allahabad pillar inscription is of a special kind known as a prashasti meaning 'in praise of'.

Which of the above statements is/are correct?

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

16. Consider the following statements regarding Vijayanagara Kingdom.

1. The construction of tall Raya Gopurams and Kalyana mandapam with carved pillars in the temple premises was the principal feature of Vijayanagara Kingdom.
2. The horse was the most common animal found in the pillars of the temple premises.
3. The chief items of exports were gold, silver and diamonds.
4. There was a great development in Sanskrit and Telugu literature.

Which of the above statements is/are correct?

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

17. Consider the following about the Bahmani Kingdom.

1. It was the first independent Islamic Kingdom in South India.
2. Bahmani Sultans were patrons of the Persian language.
3. Bidri artwork is associated with Bahmani Kingdom.

Which of the above statements is/are correct?

- a. 1, 2
- b. 1, 3
- c. 2, 3
- d. 1, 2, 3

18. Consider the following statements regarding the classification of lands under Akbar.

1. Parauti is land which is annually cultivated for each crop in succession and is never allowed to lie fallow.
2. Chachar is land that was allowed to lie fallow for three or four years.
3. Polaj is land left out of cultivation for a time that it may recover its strength.

Which of the above statements is/are correct?

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

19. Consider the following statements regarding the evolution of Mughal architecture.

1. Fatehpur Sikri which was the first planned city of the Mughals, was built during the reign of Babur.
2. Shah Jahan was called 'the prince of builders' as the Mughal architecture reached its zenith under his reign.
3. The Mughal architecture saw a decline during the reign of Aurangzeb.

Which of the above statements is/are correct?

- a. 1, 2
- b. 1, 3
- c. 2, 3
- d. 1, 2, 3

20. Consider the following statements regarding Humayun's Tomb.

1. Humayun's Tomb is also known as the precursor of the Taj Mahal.
2. It is built upon a raised platform is a mix of Indian and Persian artistry.
3. It is also declared as a UNESCO World Heritage Site.

Which of the above statements is/are correct?

- a. 1, 2
- b. 1, 3
- c. 2, 3
- d. 1, 2, 3

### CURRENT AFFAIRS

21. Consider the following statements regarding the deficiency of Vitamin D in human body.

1. Vitamin D deficiency is often associated with rickets.
2. In the absence of vitamin D, the skeletal muscle is starved of energy, decreasing muscle mass.
3. It leads to softening of bones resulting in skeletal deformities.

Which of the above statements is/are correct?

- a. 1, 2
- b. 1, 3
- c. 2, 3
- d. 1, 2, 3

22. Consider the following statements regarding Formalisation of economy.

1. Formalisation of the economy means bringing companies under the regulatory regime of government and subject to laws related to manufacturing and income tax.
2. It establishes rule of law and provide benefits of labour laws to entrepreneurs and workers.
3. It leads to more tax revenues with an increase in tax-to-GDP ratio.

Which of the above statements is/are correct?

- a. 1, 2
- b. 1, 3
- c. 2, 3
- d. 1, 2, 3

23. Consider the following statements regarding Missile Technology Control Regime (MTCR).

1. Missile Technology Control Regime (MTCR) was established by G-20 countries.
2. The focus of MTCR include non-proliferation of unmanned aerial vehicles (UAVs) for all weapons of mass destruction.
3. It is not a legally-binding treaty, it is an informal and voluntary partnership among countries.
4. India was the founder member of the Missile Technology Control Regime.

Which of the above statements is/are correct?

- a. 1, 2, 3
- b. 2, 3
- c. 2, 3, 4
- d. 1, 2, 3, 4

24. Consider the following statements regarding Whale sharks.

1. Whale sharks are the largest fish in the sea.
2. They feed on plankton and travel large distances to find enough food to sustain their huge size, and to reproduce.
3. They are mainly found in the temperate oceans of the world.
4. They are easily distinguished by their white spotted colouration.

Which of the above statements is/are correct?

- a. 1, 2
- b. 1, 2, 3
- c. 1, 2, 4
- d. 2, 3, 4

25. Which of following measures could be used by the government to control the sudden spike in specific food items?

1. Temporary ban on the export of inflated item.
2. Imposition of stock limit under the Essential Commodities Act
3. Temporary prohibition on the import of inflated item.

Select the correct answer code:

- a. 1, 2
- b. 1 only
- c. 1, 3
- d. 1, 2, 3