

1-Bhimbetka caves shows the continuity of human evolution from the Lower Palaeolithic Period to the Mesolithic period to the chalcolithic period. Why?

1. It contains evidence of the use of tools and implements from all these periods.
2. There are a large number of Shanka Lipi inscriptions in the Bhimbetka cluster of rock shelters.

Which of the above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) None

2-The Indus Valley Civilisation (IVC) is named the Harappan civilisation because

1. Harappa was the largest settlement of the IVC.
2. Harappa was the first site to be excavated in the IVC.

Which of the above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) None

3-Which of the following is/are NOT mature Harappan sites?

1. Balakot
2. Rangpur
3. Ganweriwala
4. Digona

Select the correct answer using the codes below.

(a) 1 and 2 only

(b) 4 only

(c) 3 and 4 only

(d) 1, 2 and 3 only

4-Jainism advocates three principles known as Triratnas (three gems) which are right faith, right knowledge and right conduct. On the other hand, Buddhism preaches four noble truths and the eightfold

path. What is/are common between the teachings of both religions?

1. Acceptance of the theory that God exists and it has multiple aspects

2. Understanding that no object possesses a soul and is inanimate in the larger flow of life
3. To practice ahimsa and abstain from acquiring precious metals like Gold and Silver
4. Penance and extreme austerity to punish the body

Select the correct answer using the codes below.

(a) 1 and 2 only

(b) 3 only

(c) 2 and 3 only

(d) 1 and 4 only

5-In the Indian subcontinent, the first coins to bear the names and images of rulers were issued by the

(a) Indo - Greeks

(b) Mauryas

(c) Parthians

(d) Yaudheyas

6-Consider the following statements.

1. Kanishka sent missionaries to Central Asia and China for the propagation of Mahayana Buddhism.
2. Kanishka patronised not only Buddhist scholars like Vasumitra, but also patronised the famous physician of ancient India, Charaka.

Which of the above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) None

7-What is the relationship between these two Tamil Epics - Silappatikaram and Manimekalai?

(a) Manimekalai is a poetic composition of the prosaic content of Silappatikaram.

(b) Both bear the same author and the same date of compilation.

(c) Silappatikaram is a commentary on Manimekalai.

(d) Manimekalai is a sequel to Silappatikaram

8-The Allahabad inscription is often associated with which of the following rulers?

(a) Allaudin Khilji

(b) Samudragupta

(c) Ranjit Singh

(d) Harshvardhana

9- Which of the following pairs is/are correctly matched

A. Banas culture: Gujarat

B. Rangpur culture: Rajasthan

Select the Correct answer from the codes given below

a. Only A

b. Only B

c. Both A and B

d. Neither A nor B

10-Consider the following statements regarding the political conditions of Sangam Age

A. Hereditary monarchy was the prevailing form of government.

B. Land and trade were the chief sources of the royal revenue.

Which of the statements given above is/are correct. Select the Correct answer from the codes given below

a. Only A

b. Only B

c. Both A and B

d. Neither A nor B

11- Consider the following statements regarding asteroids:

1. Asteroids are rocky debris of varying sizes orbiting the Sun.

2. Most of the asteroids are small but some have diameter as large as 1000 km.

3. The orbit of asteroids lies between orbits of Jupiter and Saturn.

Which of the statements given above are correct?

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

12- .Diamond Ring is a phenomenon observed

(a) at the start of a total solar eclipse.

(b) at the end of a total solar eclipse.

(c) only along the peripheral regions of the totality trail.

(d) only in the central regions of the totality trail.

13- The tail of a comet is directed away from the sun because

(a) the comet rotates around the sun, the lighter mass of the comet is pushed away due to the centrifugal force alone.

- (b) the comet rotates, the lighter mass of the comet is attracted by some star situated in the direction of its tail.
- (c) The radiation emitted by the sun exerts a radial pressure on the comet throwing its tail away from the Sun.
- (d) The tail of the comet always exists in the same orientation.

14- Study the following statements and select the correct answer from the codes given below:

1. The average density of rocks in the lower crust of the earth is 3.
2. There is a gradual decrease in the velocity of the seismic waves through the lower crust.
3. The mantle-core boundary is marked by Moho-discontinuity.
4. The outer core of the earth is in molten form.

Codes:

- (a) 1 and 2 are correct
- (b) 2 and 3 are correct
- (c) 3 and 4 are correct
- (d) 1 and 4 are correct**

15- Which of the following elements exhibit the following properties?

1. It is the third most abundant element in the earth crust.
2. It exists in a stable combination with other materials mainly silicates and oxides.
3. It has high strength-to-weight ratio.

- (a) Magnesium
- (b) Iron
- (c) Aluminium**
- (d) Calcium

16- Which one among the following statements is not correct?

- (a) Solar noon occurs simultaneously at locations with the same longitude
- (b) One meridian, which is directly under the Sun, experiences solar noon at a given time**
- (c) Places having same longitude experience solar noon at different times
- (d) Solar noon occurs at different times at locations with the same latitude

17- The Equatorial region has no other season except summer. What could be the reason ?

1. The length of day and night is more or less equal over the year
2. The Earth's rotational velocity is maximum at the Equator
3. The coriolis force is zero at the Equator

Select the correct answer using the code given below :

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

18- With respect to the Indian Standard Time (IST- 82°30'), consider the following statements:

1. The IST meridian intersects the Tropic of Cancer in the state of Chhattisgarh.
2. The IST is shared by the neighbouring Sri Lanka.
3. Chaibagaan refers to India's official Daylight Saving Time (DST) used in north-eastern states.

Which of the statements given above is/are correct?

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

19- Which of the following are examples of antecedent rivers?

1. Kali 2. Satluj
3. Tista 4. Indus

Select the correct answer using the code given below.

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

20- Which one of the following is related to the origin of folded mountains?

- (a) Accreting plate margin
- (b) Consuming plate margin**
- (c) Conserving plate margin
- (d) Intra plate zone

21- With reference to National Investment and Infrastructure Fund (NIIF), consider the following statements:

1. The Indian government has a 100% stake in NIIF.
2. Strategic Opportunities Fund is one of its components.

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

23. With reference to the Hyperloop Transportation System, consider the following statements:

1. In this system a pod-like vehicle is propelled through a near-vacuum tube.
2. The low air pressure allows the pod to travel substantially free of air friction.

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. With reference to First Committee of UN General Assembly, consider the following statements:

1. The First Committee of the UN General Assembly deals with the Disarmament and International security.
2. India's resolution on 'Measures to prevent terrorists from acquiring weapons of mass destruction' failed as parties could not reach a consensus.

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

25. With reference to E-YUVA Scheme, consider the following statements:

1. It aims to promote a culture of applied research.
2. It is implemented by the Ministry of Education.

Which of the above statements is/are correct?

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

26. Consider the following statements about Fast Radio Bursts (FRBs):

1. In the Milky Way, the Fast Radio Burst was spotted for the first time in 2007.
2. In the recently spotted FRB, the radio component was detected by NASA's Wind Mission.

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**