

History/ Art & Cul

1. Consider the following regions of ancient Indian history:

1. Kosala
2. Magadha
3. Gandhara
4. Avanti
5. Panchala

Which of the above was/were the 'Mahajanapadas'?

- a) 1, 2, 3 and 4
- b) 1, 2 and 3
- c) 3, 4 and 5

d) 1, 2, 3, 4 and 5

2. 1. Forts were built to protect land and people.
2. The rajas of Mahajanapadas started to maintain armies and regularly paid soldiers.
3. Instead of receiving gifts, regular taxes were levied by the states.
4. In agriculture, iron ploughs were used and paddy transplanting was started.

Select the correct answer using the code given below:

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

d) 1, 2, 3 and 4

3. Consider the following statements regarding ancient India:

1. The word India comes from the Indus, called Sindhu in Sanskrit.
2. The name Bharata was used for a group of people who lived in the northwest, and who are mentioned in the Rigveda.

Which of the statements given above is/are NOT correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2

d) Neither 1 nor 2

4. With reference to the finding of the past, consider the following statements:

1. In ancient period, Manuscripts were found to be written in Sanskrit only.
2. Manuscripts dealt with subjects in science, religion, medicine and even in poems and plays.
3. Inscriptions have been found as writings on soft surfaces.

Which of the statement given below is/are correct?

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

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

5. Consider the following statements regarding

'Sangam

Literature':

1. The Sangam literature was composed by the assemblies of Tamil poets.
2. The achievements of three powerful kingdoms i.e.

Chera, Chola and Pallava were praised in the Sangam works.

3. The Sangam literature was composed during the four Sangam assemblies.

Which of the statement given below is/are correct?

a) 1 and 2 only

b) 1 only

c) 2 and 3 only

d) 1, 2 and 3

6. With reference to 'Viharas', consider the following statements:

1. The land on which the viharas were built was donated by rich merchants or the king.
2. Viharas were the permanent shelters for monks where they can stay while travelling for teachings.
3. The Viharas found in western India were made of wood and bricks.

Which of the given statement is/ are correct?

a) 1 and 2 only

b) 2 and 3 only

c) 1, 2 and 3

d) 2 only

7. Consider the following statements:

1. Worship of Bodhisattvas
2. Hollowing out of cave monasteries
3. Development of a new form of Buddhism known as Mahayana Buddhism

4. Buddhist scholars begin to write in Sanskrit

Which of the above statements is/are reasons for the spread of Buddhism?

a) 1 and 2 only

b) 2 and 3 only

c) 1, 2 and 3

d) 1, 2, 3 and 4

8. With reference to 'Palaeolithic Age', consider the following statements:

1. The factory sites were the places where hunter and gatherers made wood and bone tools.
2. The Palaeolithic sites have evidence of tools made of limestone.
3. Hunsgi and Kurnool caves are some of the examples of Palaeolithic sites.

Choose the correct answer using the codes given

below:

a) 1 and 2 only

b) 1 only

c) 2 and 3 only

d) 1, 2 and 3

9. With reference to Chinese pilgrims travelled to Ancient India, consider the following statements:

1. The pilgrims wrote about the dangers they encountered on their travels of the countries.

2. Writings of Fa Xien, Xuan Zang and I-Qing discussed about the early Buddhism in India.

3. The pilgrims spent their time in studying in Nalanda and their work afterwards influenced the Buddhism practice in China.

Which of the statements above is/are correct?

a) 1 only

b) 1, 2 and 3

c) 2 and 3 only

d) 1 and 2 only

10. Consider the following statements about Muryan empire:

1. The Arthashastra was written in this period.

2. Some officials were appointed to collect taxes from the people.

3. The spies were appointed to keep a watch on officials.

4. Chandragupta Maurya embraced Buddhism after renouncing his throne.

Choose the correct answer choosing the codes given below:

a) 1, 2, and 3 only

b) 1 only

c) 3 and 4 only

d) 1, 2, 3 and 4

Science & Technology

11. Consider the following statements regarding 'Embryonic Stem (ES) cells':

1. These cells are derived from eggs fertilized in a woman's body.

2. The Embryonic cells are pluripotent.

3. The cells derived from ES cells can be used to replace/restore tissues that have been damaged by disease or an injury.

Which of the following statement is/ are true?

a) 1 and 3 only

b) 1 and 2 only

c) 2 and 3 only

d) 1, 2 and 3 only

12. Consider the following statements with reference to Hard and Soft water:

1. Hard water does not form lather with soap easily while soft water gives good lather with soap.

2. The distinction between Hard and Soft water is determine by the concentration of Fluoride ion in

water.

3. The hardness of water can be removed by boiling it or treating it with chemicals such as washing soda.

Which of the above statements is/are correct?

a) 1 only

b) 2 only

c) 1 and 3 only

d) 1, 2 and 3

13. Consider the following statements with reference to Human body:

1. The Veins carry blood from all the organs of the body to the heart while Arteries carry blood from the heart to all parts of the body.

2. The water is absorbed in small intestine while solid food is absorbed in large intestine.

Which of the above statements is/are correct?

a) Only 1

b) Only 2

c) Both 1 and 2

d) Neither 1 nor 2

14. Consider the following pairs:

Chemical

Major Chemical Element must have

1. Sugar

Hydrogen

2. Ammonia

Nitrogen

3. Nitric

Acid Sulphur

4. Sulphuric

Acid Oxygen

Which of the above pairs is/are correctly matched?

a) 1, 2 and 4 only

b) 3 and 4 only

c) 1 and 3 only

d) 1, 2, 3 and 4

15. West Nile Virus (WNV), which infects animals and humans, is transmitted through which route?

1. bite of an infected mosquito

2. eating infected birds or animals

3. through coughing or sneezing

4. mother to baby, during pregnancy

Select the correct answer using the codes given below:

a) 2 and 3 only

b) 1 and 4 only

c) 1 and 2 only

d) 2, 3 and 4 only

16. With reference to flow of Heat, consider the following examples:

1. Placing the spoon in the hot cup of milk

2. Rising of hot air balloon

3. Holding ice cube in hand

Which of the above are examples of Conduction?

a) 1 and 2 only

b) 2 only

c) 1 and 3 only

d) 3 only

17. Which of the following is a measure of the total quantity of visible light emitted by a source per unit of time?

a) Weber

b) Lumen

c) Decibels

d) Stokes

18. Consider the following statements:

1. The capacity of air to hold the water vapour decreases with the increase in temperature of air.

2. The humidity in the air can be measured from the air's capacity to hold the water vapour.

Which of the statements given above is/are NOT correct?

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

19. Consider the following statements with reference to 5G (fifth generation cellular network technology):

1. In a 5G network, the speed of the data is expected to be in the range of 20-30 Gigabit per second (GBPS).

2. The 5G network will provide faster communication combined with ultra-low latency feature.

Which of the statements given above is/are correct?

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 and 2

20. Consider the following statements about synthetic fibres:

1. A repeating units of ester will make polyester.

2. Esters are the chemicals which gives flowers colour.

3. Synthetic fibre acrylic is used to make sweaters and shawls.

Which of the above statements is/are correct?

a) 1 and 2 only

b) 2 only

c) 1 and 3 only

d) 1, 2 and 3

Current Affairs

21. Tampon tax is a tax applied on

a) Luxury products

b) Sin goods

c) Electrical Vehicles

d) Menstrual products

22. Which of the following is/are the specialised agencies of the United Nations?

1. International Telecommunication Union

2. International Fund for Agricultural Development

3. International Monetary Fund

4. World Meteorological Organization

5. World Tourism Organization

How many of the above statements are correct?

a) Only two

b) Only three

c) Only four

d) All of the above

23. Consider the following statements.

1. Millets were among the crops domesticated at the later stage and there is no evidence for consumption of millets by the Indus valley people.

2. Millets require much less water than rice and wheat, and are mainly grown in rainfed areas.

3. In India, millets are grown only as a rabi crop.

How many of the above statements are correct?

a) Only one

b) Only two

c) All three

d) None

24. Internationalization of Rupee would mean

1. Accumulating Indian rupee as a reserve currency all over the world by the central banks

2. Repaying in rupees for the bonds issued globally

3. Paying in rupees both for imports and exports

How many of the above statements are correct?

(a) Only one

b) Only two

(c) All three

(d) None

25. Consider the following statements regarding Antimicrobial Resistance.

1. Antimicrobial Resistance is the ability of a microbe to resist the effects of medication.

2. They can spread between people and animals, including from food of animal origin, and from person to person.

3. Antimicrobial resistant-microbes does not occur naturally.

How many of the above statements are correct?

(a) Only one

(b) Only two

(c) All three

(d) None