

HISTORY/ART&CULTURE

1. Consider the following statements:

1. This style was developed under the patronage of Adil Shah.
2. Its architecture is unique in the use of three-arched facade and bulbous dome.
3. Gol Gumbad is one the finest example of this architecture.

Which of the following schools of architecture is best described by the above statements?

- (a) Malwa school
- (b) Jaunpur School
- (c) Bijapur School**
- (d) Bengal School

2. Which of the following folk dances are form of mask dance?

1. Singhi chham
2. Mayurbhanj Chhau
3. Bihu
4. Butta Bommalu
5. Padayani

Select the correct answer using the code below.

- (a) 1 and 2 only
- (b) 2 and 5 only
- (c) 1, 4 and 5 only**
- (d) 1, 3, 4 and 5 only

3. Consider the following pairs:

- | | |
|-----------------|----------------|
| Medieval | Port Region |
| 1. Tamralipti | Maharashtra |
| 2. Chaul | Bengal |
| 3. Masulipatnam | Andhra Pradesh |

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

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

4. With reference to Magadha success, consider the following statements:

1. Presence of rich iron deposits.
2. Efficient communication system.
3. Impregnability of Rajgir.
4. Use of elephants in wars.

Which of the statements given above is/are correct?

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

5. With reference to Karkhanas in medieval India, consider the following statements:

1. Goods manufactured in the Karkhanas were primarily meant for exports.

2. Apart from royal capitals, karkhanas were also established in provincial capitals.

3. During the Mughal era, Karkhanas were headed by officers called Mir Saman.

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

6. Kalpa Sutra, a Jain ancient textbook containing the biographies of the last two Jain Tirthankaras is written by:

- (a) Kautilya
- (b) Bhadrabahu**
- (c) Ashvaghosha
- (d) Sthulabhadra

7. With reference to ancient India, the term Brahmadeya refers to

- (a) a kind of tax levied on brahmanas
- (b) a land belonging to non brahman peasants
- (c) a land allotted to build temples dedicated to Brahma.
- (d) a tax free land gifted to brahmanas**

8. What could have been the possible reasons for the Delhi Sultans to covet the Gujarat and Malwa region?

1. Fertility of the land
2. Accumulated wealth of local rulers
3. Supply of horses

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**

9. Which of the following philosophies were materialistic in their outlook?

1. Samkhya
2. Mimamsa
3. Vaisheshika
4. Lokayata

Select the correct answer using the code given below.

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

10. This Buddhist council was held under the patronage of king Kanishka and presided by Vasumitra. At this council, Buddhism underwent a split into two sects - Mahayana and Hinayana. Which Buddhist Council is

being described in the paragraph given above?

- (a) First
- (b) Second
- (c) Third
- (d) Fourth**

SCIENCE & TECHNOLOGY

11. With reference to Indian Science Congress, consider the following statements:

- 1. It brings together scientists and researchers only from the premier institutions.
- 2. It is organized by the Ministry of Earth Sciences.
- 3. The first session of the Indian Science Congress was held in 1914.

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 2 and 3 only

c. 3 only

- d. 1, 2 and 3 only

12. With reference to Kala-azar disease, consider the following statements:

- 1. It is also known as Dumdum fever.
- 2. It is a parasitic disease caused by the protozoa parasite Leishmania.
- 3. In India, the disease is most common in Rajasthan and Madhya Pradesh.
- 4. The symptoms of the disease include enlargement of the liver and spleen.

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 2 and 4 only

- c. 2, 3 and 4 only

d. 1, 2 and 4 only

13. With reference to NOTAM, consider the following statements:

- 1. Its a malware that attacked the security systems in AIIMS.
- 2. Its a latest artificial intelligence system that mimics human behaviour.
- 3. Its an indian government campaign to promote voting in rural areas.

4. It is a notice issued by an aviation authority to provide information to alert aircraft pilots of potential hazards.

14. Which one of the following missiles is not developed under the IGMDP (Integrated Guided Missile Development Program):

- a. Prithvi
- b. Agni
- c. Trishul

d. Pralay

15. Which of the following statements is/are

correct?

1. The Fourth Industrial Revolution is a fusion of technologies like artificial intelligence (AI), blockchain technology and Internet of Things (IoT).

2. Blockchain technology is a decentralized, digital ledger that records transactions across a network of computers.

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

16. Consider the following statements regarding 'Parathormone (PTH)':

1. Parathormone (PTH) is a hormone produced by the parathyroid gland that helps regulate the levels of protein in the blood.

2. Parathormone (PTH) is made up of amino acids and is a Peptide hormone.

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

17. With reference to Endocrine Disruptors, consider the following statements:

1. They are chemicals that can mimic or interfere with the body's natural hormones, leading to a wide range of health effects.

2. These chemicals can be found in a variety of products, including pesticides, plastics, and personal care products.

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

18. Consider the following statements regarding 'Control Rods of Nuclear Reactor':

1. Control rods are basically made up of neutron absorber material which controls the rate of fission of radioactive material by absorbing neutrons.

2. The most common materials used in control rods are boron, hafnium, and cadmium.

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

19. With reference to the Aditya L1 mission, consider the following statements:

1. It will be India's 2nd space-based astronomy mission after AstroSat.
2. It will be launched using the Polar Satellite Launch Vehicle (PSLV).
3. The primary payload on board is the Visible Line Emission Coronagraph (VLEC).

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1 and 3 only

d. 1, 2 and 3

20. With reference to Leprosy disease, consider the following statements:

1. It is a chronic infectious disease caused by a type of bacteria.
2. It is a Neglected Tropical Disease (NTD).
3. It is curable with MDT (multi drug therapy).

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1 and 3 only

d. 1, 2 and 3

CURRENT AFFAIRS

21. Consider the following statements about G-20:

1. The G-20 is not a forum for security issues, but for economic issues arising from security concerns, like the impact of the Ukraine war on fuel, food and fertilizer prices.
2. The Russia-Ukraine conflict is one the India's priority at the G-20.

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

22. With reference to the Ethanol, consider the following statements:

1. It is 99.9% pure alcohol that can be blended with petrol to create a cleaner fuel alternative.
2. Ethanol production yields valuable byproducts like Distillers' Dried Grain with Solubles, and Potash from Incineration Boiler Ash.
3. It can be blended with petrol in various proportions, such as E10 and E20.

How many of the above statements are correct?

1. Only one
2. Only two
- 3. All three**
4. None

23. With reference to the Credit Guarantee Scheme, consider the following statements:

1. The objective is to strengthen the credit delivery system and facilitate a smooth flow of credit to Micro, Small & Medium Enterprises (MSMEs) engaged in the Livestock sector.
2. The scheme offers an interest subvention of 3% on loans obtained from Scheduled Banks or National Cooperative Development Corporation (NCDC).

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 the India's Panchamrit Goal, consider the following statements:

1. The goal is to meet 50% of India's energy requirement from renewable energy sources by 2030.
2. The mission is to achieve the target of net-zero emissions by 2050.
3. The target is to reduce the carbon intensity of the economy by 45% below 2005 levels by 2030.

How many of the above statements is/are not correct?

- a. Only one**
- b. Only two
- c. All three
- d. None

25. Regarding the PM-KUSUM, consider the following statements:

1. PM-KUSUM scheme is primarily aimed at the agricultural sector.
2. The main objective of PM-KUSUM is to reduce the dependence on non-renewable energy sources such as diesel generators in the agricultural sector.
3. The PM-KUSUM initiative aims to add 30.8 GW of solar power capacity by 31st March, 2026.

How many of the statements given above are correct?

- a. Only one
- b. Only two
- c. All three**
- d. None