HISTORY

1. There is no evidence of anything resembling the compositions of Alvars and Nayanars in north India till the 14th Century. In this context, consider the following statements:
1. Emergence of Rajput states
2. Establishment of Delhi Sultanate
3. Emergence of new urban centers
Which of the above statements can be the reason for absence of Bhakti Group in North India till 14th century?
(a) 1 only
(b) 1 and 2 only
(c) 3 only
(d) 1, 2 and 3

2. With reference to expansion of Delhi Sultanate under Alauddin Khalji, which of the following statements are correct?
1. He reversed the Jalaluddin's policy of tolerance towards neighbouring rulers.
2. He was the first ruler to fix land revenue in cash.
3. Malik Kafur, who later led the Khalji dynasty invasions to South India, was acquired by him after his conquest of Bengal.
Choose the correct option using the codes given below:
(a) 1 and 2 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) All of the above

3. Consider the following statements:
1. Bairam Khan, an offi cer in the court of Humayun was given the title of Khan-i-Khanan.

2. The Afghan forces led by Hemu were defeated at Lahore by the Mughals.
Which of the above statements is/are correct?
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

4. Consider the following statements regarding the Mansabdari system:
1. It was a bureaucratic-cum-military system.
2. Mansabdars received their salaries as revenue assignments called jagirs.
3. Mansabdars used to reside in their own Jagirs for its effective administration.
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

5. He was a king Sultanate of Bijapur. He was very solicitous to the poor and had the title of 'abla baba' i.e 'Friend of Poor'. He was deeply interested in music and composed a book called 'Kitab-i-Nauras' in which songs were set to various musical modes. He also built a new capital 'Nauraspur' in which a large number of musicians were invited to settle. He accorded patronage to all, including Hindu saints and temples and due to his broad approach: he came to be called 'Jagat Guru'.
Identify the personality described in the above passage?
(a) Adil Ali Shah
(b) Ibrahim Adil Shah II
(c) Muhammad Quli Qutub Shah
(d) Yusuf Adil Shah

6. Battle of Plassey paved the way for the British mastery of Bengal and eventually of the whole of India. Which of the following were the reasons for the Battle of Plassey?
1. Misuse of dastaks by company's officials in private capacity
2. Fortification of Calcutta
3. Abolition of duties on internal trade by the Nawab
4. Shifting of capital from Murshidabad to Munger
Select the correct answer using the code given below:
(a) 1 and 2 only
(b) 1, 3 and 4 only
(c) 2 and 3 only
(d) 1, 2, 3 and 4

7. With reference to the Theosophical Society, consider the following statements:
1. It was founded at Adyar in Madras by Madam H.P. Blavatsky and Colonel H.S. Olcott.
2. It was a reformist movement aimed at strengthening of ancient religions of Buddhism and Jainism.
3. The movement, although led by westerners, glorified Indian religious and philosophical traditions.
Which of the above statements is/are correct?
(a) 1 only
(b) 1 and 2 only
(c) 2 and 3 only
(d) 3 only

8. Consider the following statements regarding Danes in India:
1. They were better known for their missionary activities than for commerce.
2. Their principal settlement was at Serampore near Calcutta.

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Which of the above statements is/are correct?
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

9. Consider the following statements related to the Factory Act of 1881:
1. The Act banned the appointment of children below the age of seven in factories.
2. It allowed the workers to form trade unions.
3. It fixed the minimum wages of industrial workers.
Which of the above statement(s) is/are correct?
(a) 1, 2 and 3
(b) 2 only
(c) 1 and 3 only
(d) 1 only

10. With reference to peasant movements in India, consider the following pairs:

Movement	Led by
1. Ramosi Peasant movement:	Vasudev Balwant Phadke
2. Kuka Revolt:	Baba Ram Das
3. Santhal Uprising:	Bankim Chandra Chatterjee
4. Paika rebellion:	Alluri sitarama Raju
5. Khasi revolt:	Tirath singh

Which of the pairs given above is/are correctly matched?
(a) 1, 2 and 4 only
(b) 3 and 5 only
(c) 1 and 5 only
(d) 3, 4 and 5 only

SCIENCE & TECHNOLOGY

1. Consider the following statements about Cloud Computing:
1. It is a service that is generally offered by a third party.
2. It includes only software services and not hardware services.
3. It is generally offered on 'one-to-one basis'.
Which of the statement/s given above is/are correct?
(a) 1 only
(b) 1 and 2 only
(c) 3 only
(d) 1, 2 and 3

2. Quartz crystals normally used in quartz clocks etc. are chemically:
(a) Silicon dioxide
(b) Germanium oxide
(c) A mixture of germanium oxide and silicon dioxide
(d) Sodium silicate

3. Consider the following statements:
1. Muons are sometimes referred to as 'God's Particle'.
2. Muography technique was first used to search for hidden chambers in the Pyramid of Khafre, Giza.
3. Muography is conceptually similar to X-ray but is less efficient.
Which of the statements given above are not correct?
(a) 1 and 2 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3

4. With reference to ChatGPT, consider the following statements:
1. It is a prototype dialogue-based AI chatbot capable of understanding natural human language.
2. It has been developed by Ministry of Communication, Government of India
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

5. SAMADHAN doctrine is related to which of the following?
(a) Easing taxation norms in India
(b) Malnutrition in India
(c) Left-Wing Extremism in India
(d) Development of North East Sector

6. `Operation Trident' recently seen in the news, it is related to which of the following?
(a) Directorate of Enforcement
(b) Central Bureau of Investigation
(c) Indian Navy
(d) Border Security Force

Consider the following statements:
7. In Nuclear Fusion, the nuclei of two lighter elements are made to fuse together to form the nucleus of a heavier atom.
2. Compared to nuclear fission, the waste produced by nuclear fusion is less radioactive and decays much more quickly.
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

8. Consider the following statements:
1. DNA fingerprinting was first developed in 1984 by Alec Jeffreys.

2. Lalji Singh is known as the father of DNA fingerprinting in India.
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

9. With reference to Black Holes, consider the following statements:
1. Space telescopes with special tools can help find black holes.
2. Stellar, a kind of black hole, has mass up to 20 times greater than the mass of the Sun.
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

10. Consider the following statements regarding Generative AI.
1. Generative AI (GenAI) is a type of Artificial Intelligence that can create a wide variety of data, such as images, videos, audio, text, and 3D models.
2. ChatGPT, a chatbot developed by OpenAI runs on generative AI.
3. GenAI is capable of producing highly realistic and complex content that mimics human creativity.
Which of the above statements is/are correct?
a) 1, 2
b) 1, 3
c) 2, 3
d) 1, 2, 3

CURRENT AFFAIRS

1. The Senkaku Islands, a group of uninhabited islands in the East China Sea are the focus of a territorial dispute between:
(a) China and Japan
(b) China and Taiwan
(c) Japan and Russia
(d) Japan and South Korea

2. What are 'Solidity', 'Rusk' and 'Haskell', sometimes seen in news?
(a) The programming languages running the crypto- economy.
(b) The encryption algorithms used by blockchain networks.
(c) Techniques to divide transactions across several different chains in a way that will decrease fees and speed up transactions.
(d) Decentralized applications or dApps that run on a blockchain network of computers instead of relying on a single computer.

3. Consider the following statements regarding the Pradhan Mantri Awas Yojana-Urban:
1. The scheme aims to provide ownership of the house in the name of women of the family.
2. The cost of unit assistance is shared between Central and all State Governments in the ratio 60:40.
3. The scheme is based on credit linked subsidy basis for incentives.
Which of the statements given above are correct?
(a) 1 and 3 only
(b) 2 and 3 only
(c) 1 and 2 only
(d) 1, 2 and 3

4. With reference to Quantum Computing, consider the following statements:
1. Superposition implies that changing the state of one of the qubits will instantaneously change the state of the other one in a predictable way.
2. Entanglement implies that each qubit can represent both 0 and 1 at the same time.
Which of the above statements is/are incorrect ?
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

5. Consider the following statements:
1. Compulsory allocation of 4% of GDP in education sector by the Union Govt.
2. Achieving 100% youth and adult literacy.
3. Increasing the Gross Enrollment Ratio (GER) to 100% in preschool to secondary level and in higher education to be raised by 50% by 2030.
4. A Higher Education Commission of India (HECI) to be set up as a single overarching umbrella body for entire higher education.
5. A strong emphasis on ensuring education in Indian languages.
Which of the above are the salient features of the National Education Policy, 2020?
(a) 1, 2, 3 and 4 only
(b) 2, 4 and 5 only
(c) 1, 2, 4 and 5 only
(d) 1, 3 and 5 only