

HIS/SCIENCE/CA

1. Which one of the following was the earliest attempt for the education of women in the British India?
 - (a) The Indian Women University at Pune by DK Karve
 - (b) The Bethune School at Calcutta by JED Bethune
 - (c) The Girls school at Pune by Jyotirao Phule**
 - (d) The Charles Woods Despatch by the British Government
2. With reference to Cave Tradition in India, the painting of the Buddha, Yashodhara and Rahul has been found in
 - (a) Badami caves
 - (b) Ajanta caves**
 - (c) Ellora caves
 - (d) Barabar caves
3. Which one of the following statements is not correct about the “Green Hydrogen”?
 - (a) It is produced by splitting water into hydrogen and oxygen using an electrolyser
 - (b) It will be used as a feedstock for other heavy industrial applications
 - (c) It can act as an energy storage option which would be essential to meet intermittencies of renewable energy in the future
 - (d) It can be used only for land-based and water-based transport such as railways, large ships, buses or trucks and not for air-based transport due to safety issues**
4. Which of the following organisations were started after the Russian Revolution in 1917?
 1. Communist Party of India
 2. Rashtriya Swayamsevak Sangh
 3. Hindu Maha Sabha
 4. All India Muslim League

Select the correct answer using the code given below.

 - (a) 1 and 2 only**
 - (b) 1, 3 and 4 only
 - (c) 1, 2 and 3 only
 - (d) 1 and 4 only
5. Which one of the following features was the important part of all Harappan cities during ancient times?
 - (a) Market centres for trade
 - (b) Structure of Great Bath
 - (c) Construction of Granaries**
 - (d) Phallus Worshipping centres
6. Consider the following statements about “Fungi”:
 1. They are eukaryotic organisms.
 2. They are autotrophic in nutrition.
 3. They are unicellular or multicellular.

Which of the statements given above are correct?

 - (a) 1 only
 - (b) 1 and 3 only**
 - (c) 2 and 3 only
 - (d) 1, 2 and 3
7. With reference to the modern history of India, the concept of ‘Swadeshi Samaj’ was given by
 - (a) Bal Gangadhar Tilak
 - (b) Rabindranath Tagore**
 - (c) Dayananda Saraswati
 - (d) Mahatma Gandhi
8. Consider the following statements about the Nagara style of Indian temple architecture:
 1. The garbhagriha is always located directly under the tallest tower of the temple.
 2. Temples usually have elaborate boundary walls or gateways.
 3. It is common for an entire temple to be built on a stone platform with steps leading up to it.

Which of the statements given above is/are correct?

 - (a) 2 only
 - (b) 1 and 3 only**
 - (c) 1 and 2 only
 - (d) 1, 2 and 3
9. Which one of the following statement is not correct regarding the Rig Vedic society?
 - (a) The Aryans were distinguished by their common language
 - (b) All the earliest Aryans belonged to one race**
 - (c) All the earliest Aryans life seems to be pastoral

(d) The horse played the most significant role in their life

10. Which one of the following Buddhist texts gives an account of Ajatasattu's desire to attack the Vajjis and the reply of Buddha?

- (a) **Digha Nikaya**
- (b) Majjhima Nikaya
- (c) Dipavamsa
- (d) Abhidhamma Pitaka

11. Consider the following statements about the Cabinet Mission of 1946:

- 1. The Mission did not hold talks with the representatives of the Indian National Congress and the All India Muslim League.
 - 2. It proposed to set up an Executive Council with the support of the main Indian parties.
 - 3. It proposed the grouping of Muslim-majority provinces.
 - 4. The Congress Working Committee officially did not accept either of the plans of the Cabinet Mission.
- Which of the statements given above are correct?

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

12. With reference to the religious history of India, the terms „Tanhankara, Medhankara, and Sarankara“ are related to

- (a) **Buddhism**
- (b) Jainism
- (c) Vaishnavism
- (d) Shaivism

13. Consider the following statements:

- 1. She founded Arya Mahila Samaj.
 - 2. She pleaded for improvement in the educational syllabus of Indian women before the English Education Commission which was referred to Queen Victoria.
 - 3. She travelled the United States of America primarily to generate funds for her projects in India focusing on the empowerment of widows
- Which one of the following personality is described by the statements given above?

- (a) **Pandita Ramabai Saraswati**
- (b) Sarla Devi Chaudhurani
- (c) Kamla Devi Chattopadhyaya
- (d) Maharani Sucharu Devi

14. The Cunningham circular, during the national movement, was related with which of the following movement?

- (a) Swadeshi Movement
- (b) Non-Cooperation Movement
- (c) **Civil Disobedience Movement**
- (d) Quit India Movement

15. Consider the following statements about the Marine Products Export Development Authority (MPEDA):

- 1. It is a statutory body set up by an act of Parliament
 - 2. It functions under the Ministry of Commerce and Industry
- 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

16. Consider the following statements regarding International Nitrogen Initiative:

- 1. This initiative is aimed to reduce the nitrogen oxide emissions globally by 2030.
- 2. India is a member of this initiative.

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. Recently Apple announced it will be increasing the number of data points protected by end-to-end encryption on iCloud from 14 to 23 categories. In context of end to end encryption, consider the following statements:

- 1. It ensures privacy as the data can only be read on the two ends, by the sender, and by the recipient.
- 2. Data can be accessed by a country's government and authorized intelligence agencies by using a private key.

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. Which of the following is/are the result of refraction of light?

- 1. Formation of rainbow.
- 2. A swimming pool looking shallower than it actually is.
- 3. Formation of mirage on the road on a hot day.

Select the correct answer using the code given below:

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

d) 1, 2 and 3

19. "He discovered the phenomenon scattering of light. He was awarded the prestigious prize for his work on the scattering of light. He was the first Asian to receive a Nobel Prize in any branch of science. India celebrates National Science Day on 28 February of every year to commemorate the discovery of his work".

The above-mentioned description is related to which of the following personality?

- a) Homi Bhabha
- b) Vikram Sarabhai
- c) S. Chandrasekhar

d) C. V. Raman

20. With reference to G20 Digital Alliance (DIA) consider the following

- 1. G-20-DIA aims to recognise and support innovators that have digital solutions for various world economies to reduce the digital divide.
- 2. Stay Safe Online Campaign has been initiated under the programme

Which of the above statement/s is are correct?

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

21. Which of the following is/are the areas of potential application of air-breathing scramjet technology?

- 1. Hypersonic missiles
- 2. Air transportation
- 3. Satellite Launch

Select the correct answer using the codes given below.

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

d) 1, 2, and 3

22. Terms like "Solidity, Rusk and Haskell" often mentioned in news is related to which of the following?

- a) Chinese malwares
- b) Anti tank guided missiles
- c) Dwarf planets

d) Computer programming languages

23. With reference to "Blockchain Technology", consider the following statements:

- 1. It is a public ledger that everyone can inspect, but which no single user controls.
- 2. The structure and design of blockchain is such that all the data in it are about cryptocurrency only.
- 3. Applications that depend on basic features of blockchain can be developed without anybody's permission.

Which of the statements given above is/are correct?

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

d) 1 and 3 only

24. With reference to India's defence, consider the following helicopters:

- 1. Cheetah
- 2. Chetak
- 3. Rudra

Which of the above has/have turret gun, rocket system and air-to-air missile?

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

d) **3 only**

25. Logistics Performance Index (LPI) is published by which of the following bodies?

- a) International Transport Organisation
- b) **World Bank**
- c) World Trade Organisation
- d) UN logistics



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