

HIS/CA/SC & TECH

1. The early nationalists did a great deal to awaken the national sentiment. Which of the following statements is not correct regarding the nationalists in the moderate phase of national movement?

- (a) They were able to create a wide national awakening of all Indians having common interests.
(b) **The moderate phase of the national movement had a wider social base and the masses played a massive role.**

- (c) The Moderates were not able to take militant political positions against the authorities.
(d) Their political work was based on hard realities, and not on shallow sentiments, religion, etc.

2. With reference to the European settlements in India, consider the following statements:

1. Pedro Alvarez Cabral established Portuguese factory at Calicut.
2. The Dutch founded their first factory in Masulipatnam.
3. The English founded their first factory in Surat under Captain Hawkins.

Which of the statement/s given above is/are correct?

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

3. Which of the following was/were the impact of dual system of government (1765-72) by East India Company(EIC) in India?

1. Prevalent rampant corruption among servants of the Company who made full use of private trading to enrich themselves.
2. Excessive revenue collection and oppression of peasantry by EIC.
3. The EIC became bankrupt, while the servants were flourishing.

Select the correct option using the code given below:

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

4. During colonial period Aitchison Committee, Islington Commission and Lee Commission were associated with:

- (a) Reforms in police services
(b) **Reforms in civil services**
(c) Reform in Judicial services
(d) To improve relations with princely States

5. With reference to the Indian Councils Act 1892, consider the following statements:

1. In Imperial Legislative Council, now the governor-general could have six to ten non-officials.
2. The officials retained their majority in the council, thus making the non-official member's voice ineffective.
3. The budget could be discussed but could not be voted upon.

Which of the statement/s given above is/are not correct?

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

5. Which one of the following was not correct with respect to Dyarchy?

- (a) **It was a system of double government introduced by the Government of India Act (1919) for the Princely States.**

(b) It marked the first introduction of the democratic principle into the executive branch of the British administration of India.

(c) The principle of dyarchy was a division of the executive branch of each provincial government into authoritarian and popularly responsible sections.

(d) It was introduced as a constitutional reform by Edwin Samuel Montagu and Lord Chelmsford

6. With reference to Royal Indian Navy Mutiny, 1946, consider the following statements:

1. It was solely associated with demand for better conditions to Indian sailors or ratings
2. In response to the call made by ratings, several processions were taken out in Bombay, Karachi, Calcutta and other places in the subsequent days.
3. It was an event that further strengthened the determination among all sections of the Indian people to see the end of British rule.

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

7. With respect to Nehru report, consider the following statements:

1. It defined Dominion Status as the form of government desired by India.
2. It advocated reservation of seats for Muslims in all provinces.
3. It recommended freedom to form unions.

Which of the above statements are correct?

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

8. Consider the following sources:

1. Simon Commission Report
2. Nehru Report
3. Discussion of Round Table Conference
4. Jinnah's 14 Points Report

Which of the above statements are regarded as principal source for Government of India Act, 1935?

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

9. Which of the following leaders was/were convicted in Meerut Conspiracy Case (1929)?

1. Muzaffar Ahmed
2. Pandit Madan Mohan Malaviya
3. S.A. Dange
4. Philip Spratt
5. Ben Bradley
6. G. Subramanya Aiyar

Select correct answer using the codes given below?

- (a) 1, 3, 4 and 5 only**
- (b) 1, 5, 6 only
- (c) 2, 4 and 5 only
- (d) 1, 2, 3, 4 and 6 only

10. Sachindra Nath Sanyal, an Indian revolutionary was associated with which of the following events?

1. Ghadar conspiracy.
2. Delhi conspiracy Case.
3. Formation of the Hindustan Republican Association.
4. Young Men's Association

Select the correct answer using the codes given below.

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

11. Which of the following statements is/are correct regarding Bitcoins?

1. The blockchain technology allows the people to send even those bitcoins which they do not own.
2. The Central African Republic (CAR) has approved Bitcoins as legal tender.

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

12. Which of the following statements is/are correct?

1. The Nirbhay cruise missile is a two- stage missile, with the first stage using solid fuel and the second stage using liquid fuel.
2. It is a supersonic missile which flies at a speed of 1.5 – 2.5 Mach.

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

13. Which of the following statements is/are correct?

1. The Gravitational Waves are the 'ripples' in space-time caused by some of the most violent and energetic processes in the Universe.

2. These Waves carry with them information about their origins.

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

14. Which of the following statements correctly defines the Polymerase Chain Reaction?

- (a) It is a technology for making polythene bags which are bio-degradable in nature.
- (b) It is a technology which is responsible for chain reactions during nuclear fusion.
- (c) It is a technology for building nylon materials which form the base materials in technical textiles.
- (d) It is a technology for exponential amplification of a fragment of the DNA.**

15. Which of the following statements are correct?

- 1. The Starlink Project aims to deliver high speed broadband internet to inaccessible locations.
- 2. Neuralink aims to develop ultra-high bandwidth brain-machine interfaces.
- 3. Elon Musk is the co-founder and leads Starlink, as well as Neuralink.

Select the correct answer using the code given below:

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

16. With respect to the “Parthenocarpic Fruits”, consider the following statements:

- 1. These are the species in which the fruits develop without fertilisation.
- 2. Banana is an example of the “Parthenocarpic Fruits.”
- 3. These fruits are seedless.

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**

17. Consider the following statements:

- 1. Trichoderma species are the free-living bacteria that are very common in the root ecosystems.
- 2. Baculoviruses are the pathogens that attack insects and other arthropods.
- 3. Trichoderma species are effective biocontrol agents of several plant pathogens.

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

18. With respect to “DNA fingerprinting”, consider the following statements:

- 1. It involves identifying differences in some specific regions in the DNA sequence, called as the repetitive DNA.
- 2. It is the basis of paternity testing.
- 3. The polymorphism in DNA sequence is the basis of DNA fingerprinting.

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**

19. To provide in-orbit servicing, which of the following Space agency is developing a docking experiment called ‘SPADEX’?

- a) NASA
- b) ROSCOSMOS
- c) JAXA
- d) ISRO**

20. Consider the following statements about EOS-04 Satellite:

- 1. It is a Radar Imaging Satellite.
- 2. EOS-04 is the fourth in the series of earth observation satellites.
- 3. All other EOS satellites in the series namely, EOS-01, EOS-02 and EOS-03 have been successfully placed in the orbit.

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) All of the above
21. "Project Panoptic" recently seen in news is associated with which of the following?
- a) Fuel cell technology
 - b) Facial Recognition Technology**
 - c) National bio fuel policy
 - d) Battery swap policy
22. 'Kirit Parikh Committee' recently seen in news is related to which of the following?
- a) Regulation of Crypto currency
 - b) Semiconductor manufacturing
 - c) Indigenous defence production
 - d) Gas pricing**
23. 'Mission Prarambha' seen in news recently is related to which of the following?
- a) Achieving 100% digital literacy
 - b) Capacity building in textiles sectors
 - c) Indigenous manufacturing of fertilizers
 - d) Private sector participation in space sector**
24. Khader committee recently mentioned in news is related to which of the following?
- a) School Education**
 - b) Banking reform
 - c) Administrative reform
 - d) Mining in Schedule areas
25. INSPIRE Award, recently seen in news is aligned with which of the following initiative?
- a) Swachha bharat mission
 - b) Start up India Scheme**
 - c) ODF Status
 - d) Atal innovation mission



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