

HISTORY

1. Which of the following events took place during the tenure of Lord Lytton?

1. Investing Queen Victoria with the title of Kaiser-i-Hind.
2. Passage of the Arms Act, 1878.
3. The First Anglo-Afghan War.
4. Abolishment of import duties on articles including cotton goods.

Select the correct answer using the code given below:

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

2. With reference to Sikh Reform Movements, consider the following statements:

1. The Akali movement aimed to liberate the Sikh gurudwaras from the control of corrupt mahants.
2. Singh Sabha Movement planned to bring to the Sikh community the benefits of western enlightenment through modern education.

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

3. Consider the following events:

1. Battle of Plassey
2. Third Battle of Panipat
3. Second Carnatic War
4. First Anglo-Maratha War

Which of the following is the correct chronological sequence of the above events?

- (a) 4 – 1 – 3 – 2
(b) 1 – 3 – 4 – 2
(c) 3 – 1 – 2 – 4
(d) 1 – 3 – 2 – 4

4. Identify the personality who is related to the following statements:

1. He was associated with Mitra Mela in Nasik.
2. He was involved in the revolutionary activities of India House in London.
3. He had written about the Revolt of 1857 in his book entitled The Indian War of Independence, 1857.

Select the correct answer using the code given below:

- (a) V D Savarkar**
(b) Lala Lajpat Rai
(c) Madan Lai Dhingra
(d) Shyamji Krishnavarma

5. With reference to the impact of Revolt of 1857, consider the following statements:

1. In Britain, the Act of 1858 provided for the appointment of a Secretary of the State for India.

2. The era of territorial aggrandizement gave place to the era of economic exploitation.

3. The strength of European troops in India was reduced to increase status of Indian troops.

Which of the statements given above is/are correct?

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

6. With reference to Rahnumai Mazdayasnan Sabha, consider the following statements:

1. It was a Parsi Reform Movement.
2. The newspaper Rast-Goftar propagated the message of the Sabha.
3. Their attention was focused on improvement of status of Parsi women in society.

Which of the statements given above is/are correct?

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

7. With reference to Hunter Commission for Education, consider the following statements:

1. It was setup in 1906 under W. W. Hunter to review the working of Indian Universities Act, 1904.
2. It was confined mostly to University Education.
3. It advised for spread of women education outside the presidency towns.

Which of the statement given above is/are correct?

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

8. Bankim Chandra Chatterjee's novel Anand Math is based on which of the following rebellions?

- (a) Sanyasi Rebellion**
(b) Indigo revolt
(c) Swadeshi movement
(d) Mappila revolt

9. With reference to Communal Award, consider the following statements:

1. It was announced in 1919 by the Governor General Ramsay MacDonald
2. The Award declared the Depressed Classes to be entitled to separate electorate.
3. Under Poona Pact, seats reserved for depressed classes in the provincial legislatures were

increased.

Which of the statements given above is/are correct?

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

10. With reference to Salt Satyagraha, consider the following statements:

- 1. K. Kelappan led a salt march from Trichinopoly to Vedaranniyam.
- 2. In Andhra, a number of sibirams were set up to serve as the headquarters of the salt Satyagraha.
- 3. In Tamil Nadu, C. Rajagopalachari, led the salt march.

Which of the statements given above is/are correct?

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

SCIENCE & TECH

11. Which of the following scientific developments originated in India?

- 1. Iron-cased rockets
- 2. Cataract Surgery
- 3. Making of Wootz Steel
- 4. Calculation of earth's time to orbit around the sun

Select the correct answer from the given code:

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

12. A child sitting in a merry-go-round in the amusement park. The Child feels scared as she experiences an outward pull as the merry-go-round rotates about the vertical axis.

This is due to which of the following factor?

- (a) Random Motion
- (b) Centripetal force
- (c) Centrifugal force**
- (d) Oscillatory motion

13. Consider the following statements about 'Non-Fungible Token' which sometimes been seen in the news recently

- 1. It is a digital asset that exists on a blockchain
- 2. All kinds of digital can be turned into Non-Fungible Token
- 3. It can be bought only with cryptocurrencies

Which of the statements given above is/are correct?

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

- (d) 1, 2 and 3

14. 'PEN Plus strategy' was recently in the news in the context of which of the following diseases?

- (a) Polio
- (b) SARS-COV2
- (c) Monkeypox

(d) Non-communicable Diseases

15. Oumuamua, a term recently seen in the news, is

- (a) Web Scripting Virus developed specifically to target a power grid.
- (b) Viral disease which is contagious and can spread from one bird to other birds and animals.

(c) The first known interstellar object to visit our solar system.

- (d) A plant, which was successfully grown by the scientists in the Moon's soil.

16. Consider the following diseases:

- 1. Powdery Mildew
- 2. Tobacco mosaic disease
- 3. Silver leaf disease

Which of the above plant diseases are caused by fungi as the pathogen?

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

17. "Cryomesh method", recently seen in the news, is used to:

- (a) help in building coral reefs threatened by climate change.**
- (b) help in mining cryptocurrency using quantum computing.
- (c) help in ocean carbon sequestration by distributing CO₂ more evenly throughout ocean depth and minimize surface ocean impacts.
- (d) help in developing cryogenic rocket engine based on 3D technology.

18. Saprophytes are living organisms that live and feed on dead and decaying organisms.

Which of the following are examples of saprophytes?

- 1. Fern
- 2. Yeast
- 3. Lichen
- 4. Penicillium

Select the correct answer using the code given below.

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

19. Starberry-Sense, recently seen in the news, is

- (a) a blackhole believed to have been formed after the death of a star.

(b) a spacecraft that will reach the Martian atmosphere to study the martian moons.

(c) a star sensor developed by researchers at the Indian Institute of Astrophysics (IIA).

(d) a space station designed by SpaceX and ISRO to study the Sun.

20. Which of the following statements is not correct regarding bio-diesel in India?

(a) It is being produced in the country primarily from imported palm stearin oil.

(b) It can be made from any feedstock oil or fat.

(c) It is an environment friendly fuel, which has no sulphur, no aromatics, and has about 10% built-in oxygen.

(d) Used cooking oil has been banned as a raw material for biodiesel production in National Policy on Biofuels-2018.

CURRENT AFFAIRS

21. Consider the following statements regarding PetCoke :

1. The Petcoke has heavy metal content, high calorific value and high Sulphur content.

2. It produces high solid wastes due to its high calorific value.

3. India imports Petcoke from China and Saudi Arabia.

Which of the above statements is/are incorrect?

A) 1 only

B) 2 only

C) 1 and 3 only

D) 3 only

22. Consider the following statements regarding One Station One Product' (OSOP) scheme.

1. Ministry of railways has launched OSOP scheme.

2. To promote "Vocal for Local" vision.

23. OSOP outlets at railway station are allotted for showcasing, selling and giving high visibility of indigenous/local product.

Which of the following statement is are correct ?

a) Only 1

b) Only 2

c) 2 and 3

d) 1, 2 and 3

24. Recently, KHOONI DARWAZA is in news. Where it is located?

a) New Delhi

b) Mumbai

c) Hyderabad

d) Kolkata

25. Consider the following statements with respect to Monkey Pox (mpox)

1. It is a zoonotic disease that transmitted from infected animals to humans.

2. It is an orthopoxvirus, a genus of viruses that

includes variola virus which causes smallpox.

3. WHO has recently ended the mpox as public health emergency of international concern (PHEIC)

Which of the statement(s) given above are correct?

a) 1 and 2 only

b) 2 and 3 only

c) 1 and 3 only

d) 1, 2 and 3