

HISTORY

1. Which of the following Tamil text has been called 'Laghuveda'?

(a) Nandhikalambagam (b) Kalingattuparani (c) Periyarpuranam (d) **Kural**

2. Assertion (A) First War of Independence broke out in India in 1857, soon after the departure of Lord Dalhousie from India.

Reason (R) Lord Dalhousie's Annexationist policy had caused great discontent

Codes (a) **Both A and R are true and R is the correct explanation of A**

(b) Both A and R are true, but R is not the correct explanation of A

(c) A is true, but R is false

(d) A is false, but R is true

3. Arrange the following chronologically.

I. Land holders society at Calcutta

II. Bengal British India Society

III. British India Association

IV. Madras Native Association

V. East India Association in London

Codes (a) **I, II, III, IV, V** (b) V, IV, III, II, I (c) I, III, II, IV, V (d) I, II, III, V, IV

4. In which of the following sessions of the India National Congress Bal Gangadhar Tilak had expressed, "Swaraj is my birthright, I shall have it"?

(a) Banaras Session, 1905 (b) Calcutta Session, 1906 (c) Surat Session, 1907 (d) **Lucknow Session, 1916**

5. Consider the following statements with reference to Congress Session of 1907?

I. It was held in Pune.

II. It was presided by Rasbihari Ghosh.

III. The word 'Swaraj' was first used in this Session of Congress.

IV. In this Session, Congress was divided into two groups-extremists and moderates.

Which of the above mentioned statements is/are correct?

Code (a) I and II only (b) **II and IV only** (c) II and III only (d) All of these

6. Which of the statements given below about the Champaran Satyagraha is/are correct?

I. It was related to Indigo plantations. II. It started because the European planters oppressed the Zamindars.

Select the correct answer using the codes given below.

(a) **Only I** (b) Only II (c) Both I and II (d) Neither I nor II

7. Who of the following took the burning of the foreign clothes during the Non-Cooperation Movement as 'insensate waste'?

(a) **Rabindranath Tagore** (b) Mohammad Ali Jinnah (c) Lord Reading (d) Moti Lal Nehru

8. During the Salt March of 1930, Gandhiji walked from his ashram to Dandi, altogether he walked

(a) 300 miles (b) **241 miles** (c) 325 miles (d) 551 miles

9. Sir Stafford Cripps came to India with a Draft declaration of proposals of British Government included that

I. India should be given dominion status.

II. All Provinces and States must be merged to make the Indian Union.

III. Any Province or State can take the decision to live outside of the Indian Union.

IV. Indian Constitution must be constituted by the people of India.

Choose the correct answer from the code given below.

Code (a) I, II and III (b) I, II and IV (c) II, III and IV (d) **All of the above**

10. Arrange the following events in a chronological order and select the correct answer from the codes given below.

I. Appointment of Simon Commission

II. Jallianwala Bagh Massacre

III. Mahatma Gandhi's Dandi March

IV. Death of Pherozeshah Mehta

Codes (a) **IV, II, I, III** (b) I, II, IV I (c) II, III, IV, I (d) IV, III, II, I

SCIENCE & TECHNOLOGY

11. Consider the following statements

I. Ozone is used as germicide, air and water purifiers, in making artificial, silk etc.

II. Bitterness in the onions is due to presence of sulphur compounds.

III. Helium is used in filling the tyres of the aircraft.

Which of the statements given above are correct?

(a) I and II (b) II and III (c) I and III (d) **I, II and III**

12. Assertion (A) Isomers are same compounds with different molecular formula.

Reason (R) Isomers have different arrangement of their constituent atoms in the space.

Codes (a) Both A and R are true and R is the correct explanation of A

(b) Both A and R are true, but R is not the correct explanation of A

(c) A is true, but R is false

(d) **A is false, but R is true**

13. Which one of the following statements regarding starch and cellulose is not correct?

(a) Both of them are of plant origin.

- (b) Both of them are polymers.
(c) **Both of them give colour with iodine**
(d) Both of them are made up of glucose molecules.

14. All living organisms are linked to one another because

- (a) They have common genetic material of the same type.
(b) **They share common genetic material, but to varying degrees.**
(c) All have common cellular organisation.
(d) All of the above

15. Consider the following statements

- I. Nervous tissue is made up of an organised network of nerve cells of neurons.
II. Neurons are specialised for conducting information via electrical impulses from one part of the body to another.
III. The fore brain is the main thinking part of the brain.

Which of the statements given above are correct?

- (a) I and II (b) II and III (c) I and III (d) **I, II and III**

16. Consider the following statements

- I. Bile is secreted by the liver.
II. Bile is stored in the gall bladder.
III. Bile has no digestive enzyme, but responsible for fat emulsification.
IV. Bile is also necessary for absorption of fat soluble Vitamins A, D, E and K.

Which of the statements given above are correct about bile juice?

- (a) I, II and III (b) I and II (c) II, III and IV (d) **I, II, III and IV**

17. What is meant by double fertilisation?

- (a) Fusion between egg and male gamete.
(b) Fusion between secondary nucleus and male gamete.
(c) **Both 'a' and 'b'**
(d) Formation of two zygotes

18. Statement I Two ATP molecules are produced during anaerobic respiration.

Statement II Glucose is converted into pyruvic acid through a series of reaction with a net gain of 2 ATP molecules.

- (a) Both the statements are individually true and the statement II is the correct explanation of the statement I.
(b) Both the statements are individually true, but the statement II is not correct explanation of the statement I.
(c) **The statement I is true, but the statement II is false.**
(d) The statement I is false, but the statement II is true

19. The ultimate cause of water movement in a plant stem against gravity is

- (a) osmosis (b) **transpiration** (c) photosynthesis
(d) diffusion

20. Water soluble pigments found in plant cell vacuoles are

- (a) chlorophylls (b) carotenoids (c) **anthocyanins** (d) xanthophylls

CURRENT AFFAIRS

21. Which of the following is not a 'fundamental' property of superconductivity?

1. Zero electrical resistance
2. Perfect diamagnetism

3. High thermal conductivity

4. None of the above

22. What is the Pradhan Mantri Vaya Vandana Yojana?

1. A scheme for providing financial assistance to farmers

2. A scheme for providing pension to senior citizens

3. A scheme for providing housing loans to low-income families

4. A scheme for providing education loans to student

23. With reference to Sansad Khel Mahakumbh 2022-23, consider the following statements:

1. It is an initiative to promote sports and fitness among Parliamentarians in the country.

2. Only outdoor games competition is organised under sansad Khel Mahakumbh.

Which of the statements given above is/are correct?

1. **1 only** 2. 2 only
3. Both 1 and 2 4. Neither 1 nor 2

24. Consider the following statements regarding 'Protection of Children from Sexual Offences (POCSO) Act, 2012:

1. The POCSO Act, 2012 defines a child as any person under the age of 16 years.

2. The act provides for the establishment of the State Commission for the Protection of Child Rights. Which of the statements given above is/are correct?

1. **1 only** 2. **2 only**
3. Both 1 and 2 4. Neither 1 nor 2

25. Which of the following countries does the Palk Strait separate?

1. India and Maldives
2. **India and Sri Lanka**
3. India and Bangladesh
4. India and Myanmar