

HISTORY:

1. Arrange the following rulers of Bengal in chronological order

1. Murshid Quli Khan
2. Alivardi Khan
3. Sirajuddaulah

Select the correct code:

- a) 2, 1, 3
- b) 2, 3, 1
- c) 1, 3, 2

d) 1, 2, 3

2. Consider the following statements about the Battle of Plassey:

1. Warren Hastings led the Company's army against Sirajuddaulah at Plassey in 1757.
2. One of the main reasons for the defeat of the nawab was the superior military strength of Company's army.
3. The Battle of Plassey became famous because it was the first major victory the Company won in India.

Which of the above is/ are correct?

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

c) 3 only

- d) 1, 2 and 3

3. Which of the following Governor-General announced that after the death of Bahadur Shah Zafar, the family of the king would be shifted out of the Red Fort and given another place in Delhi to reside in?

- a) **Governor – General Dalhousie**
- b) Governor – General Canning
- c) Governor – General William Bentick
- d) Governor – General Henry Hardinge

4. Where did the Revolt of Songram Sangam in 1906 take place?

- a) Nagaland
- b) Assam**
- c) Madhya Pradesh
- d) Tamil Nadu

5. Consider the following statements with reference to differences between seals of Harappan and Mesopotamian civilization:

1. Harappa seals were chiefly square or rectangular, while Mesopotamian seals were cylindrical.
 2. Harappan seals were usually made of clay, while Mesopotamian seals were of steatite.
- Which of the above statements is/are correct?

a) 1 Only

- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

6. Which of the following are correctly matched?

Term Meaning

1. Vidhati A) Oldest assembly, Both men and women were a part of it
2. Sabha B) Assembly of Villagers, Only men
3. Samiti C) An assembly of Brahmans, both men and women

Choose the correct code

- a) 1 and 2 only
- b) 1 and 3 only
- c) 1 only**
- d) All of the above

7. Consider the following statements with reference to Ashoka's Dhamma:

1. He brought humanity in internal administration for safety, self-control, justice and happiness for all beings.
2. In place of the traditional policy of territorial expansion he substituted conquest by Righteousness.
3. He gave up his imperial ambitions to gain the moral leadership of the whole civilized world.

Which of the above statements are correct?

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

8. The famous quote – "Brahma Satyam Jagat Mithya Jivo Brahmatra Naparaha", meaning, "The

Absolute Spirit is the reality, the world of appearance is Maya" was given by –

- a) Sankaracharya**
- b) Ramanuja
- c) Madhavacharya
- d) Nimbraka

9. The term 'Dadni' is associated with:

- a) Merchants from Bengal who carried out British opium trade to China.
- b) Merchants in Bengal who worked on advance payments.**
- c) Merchants in South India who acted as agents to transfer money through hundi system.
- d) Merchants in South India carrying out trade in cotton and spices

10. The Battle of Bhima-Koregaon was part of which of the following war?

- a) Fourth Anglo-Mysore war

- b) Second Anglo-Maratha war
c) Third Anglo-Maratha war
 d) None of the Above

CURRENT AFFAIRS:

11. Recently Bengaluru experienced a 'Zero Shadow Day' with reference to this news answer the following question, how many times are Zero Shadow Days observed for every point on Earth between the Tropic of Cancer and the Tropic of Capricorn?

- a) **2 times**
 b) 4 times
 c) 1time
 d) 3 times

12. Recently Bengaluru experienced a 'Zero Shadow Day' with reference to this news answer the following question, how many times are Zero Shadow Days observed for every point on Earth between the Tropic of Cancer and the Tropic of Capricorn?

- e) **2 times**
 f) 4 times
 g) 1time
 h) 3 times

13. Consider the following statements

- 36% of India's districts are classified as "overexploited" or "critical" by the Central Ground Water Authority (CGWA).
- CGWA was formed under the Environment (Protection) Act.
- Ground Water Management and Regulation Scheme is central sector scheme.
- India has the largest area under groundwater irrigation in the world.

Which of the statements given above is/are correct?

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

14. Recently which of the following legislative body approved legislation called 'MiCA' on Crypto Assets?

- a) USA congress
 b) UN General Assembly
c) European Union Parliament
 d) Institute of International Bankers

15. 'Coalition of Coastal Cities to Combat Marine Litter' was in news recently, it is an initiative of

- a) **Centre for Science and Environment (CSE)**

- b) Ministry of Environment
 c) United Nations Environment Program
 d) International Maritime Organization

SCIENCE & TECHNOLOGY :

16. With respect to the Project NETRA sometimes seen in the news, consider the following statement:

- (a) It aims to facilitate growth in the drone sector.
 (b) It is a surveillance project for women's safety.
(c) It aims to monitor space debris.
 (d) It aims to assist the Visually Handicapped persons.

17. With reference to PSLV-C53 program, consider the following statements:

- It is a commercial mission of New Space India Limited.
- PSLV Orbital Experimental Module activity will be tested in this mission.
- It carries the NeuSAR and SCOOB-1 satellite to Sun-Synchronous Polar Orbits.

Which of the statements given above is/are correct:

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

18. Consider the following statements :

- Entanglement is a quantum phenomenon in which two or more particles become connected in such a way that the state of one particle is dependent on the state of the other particle(s).
- Quantum computers cannot be built without superconductors.
- Superposition enables quantum computers to perform certain calculations much faster than classical computers, such as factorization and database search.

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

19. Consider the following statements about CAR-

T Cell therapy :

- CAR-T cell therapy involves using chemotherapy to kill cancer cells
- CAR T-cell therapy is a type of immunotherapy that involves genetically modifying a patient's own B-cells to recognize and attack cancer cells.
- Allogeneic CAR-T cells are preferable to autologous CAR-T cells because they can be manufactured in large quantities and are less

likely to cause Graft-Versus-Host Disease (GVHD).
Which of the above statements are correct?

(a) 1 only

(b) 2 only

(c) 1 and 3 only

(d) 1, 2 and 3

20. Consider the following statements with respect to BharOS :

1. It is an Android Open-Source Project that is free from Google Services and Apps.

2. It employs the Private App Store Services (PASS) to curate applications for users

3. Native Over The Air (NOTA) is not supported for security reasons

Which of the statements given above is/are correct ?

(a) 1 and 2 only

(b) 2 only

(c) 3 only

(d) 1, 2 and 3

21. The terms "Rht13, Early Heera-2, Varuna" are sometimes seen in the news in the context of:

(a) Development of genetically modified crops

(b) Passive Electronically Scanned Array (PESA) RADAR systems indigenously developed by India

(c) Galaxies discovered in extreme Deep Field (XDF) by India

(d) Indigenously developed Submarine Aircraft vehicles

22. '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

23. India's first hybrid-sounding rocket was recently launched by private players from Chengalpattu, Tamil Nadu. In this context, Consider the following statements about sounding rockets:

1. They are one or two-stage solid propellant rockets used for probing upper atmospheric regions.

2. Unlike a satellite launch vehicle, a sounding rocket performs an observation mission during its flight in space before impact.

3. Rohini (RH-200) is one of the sounding rockets currently operational with ISRO.

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

24. Recently, a study has highlighted the accelerated breeding of mosquitoes in urban drains due to presence of which of the following chemicals?

(a) Organochlorine

(b) Polyvinyl chloride

(c) Bisphenol A

(d) DDT (dichloro-diphenyl-trichloroethane)

25. In the context of the units for measuring electric power, which of the following statements is NOT correct ?

(a) The unit of electric energy is watt hour (Wh)

(b) 1 Kilowatt is equal to 10,000 Watts

(c) The SI unit for measuring electric power is Watt

(d) A watt is the unit of electrical power equal to one ampere under the pressure of one volt.