

HIS, ENV, CA

1. Consider the following statements related to the camouflage:
 1. It is the ability of an organism to imitate one or more physiological and behavioural traits from another organism so that it can obtain some benefit.
 2. Camouflage increases an organism's chance of survival by hiding it from predators.
 3. Camouflage can be used as a tool for hunting.
 Which of the above statements is/are correct?
 (a) 1 and 3 only
(b) 2 and 3 only
 (c) Only 2
 (d) All of the above
2. Consider the following statements with respect to the types of Biodiversity:
 1. Genetic diversity can exist between different populations of the same species as well as between individuals within a population.
 2. Species diversity decreases with increasing altitude and latitude.
 Which of the above statements is/are correct?
 (a) Only 1
 (b) Only 2
(c) Both 1 and 2
 (d) Neither 1 nor 2
3. In which of the following ways disposal of Phosphorus affect the trophic food web of a lake?
 1. It will cause an algal bloom.
 2. Big zooplankton would increase because a lot of phytoplankton would be available.
 3. It will increase turbidity in water.
 Codes:
 (a) 1 and 2 only
 (b) 2 and 3 only
 (c) 1 and 3 only
(d) All of the above
4. Which of the following statements related to the different Protected Areas of India is/are correct?
 1. National Park: No human activity is permitted inside the national park except for the ones permitted by the Chief Wildlife Warden of the state.
 2. Wildlife Sanctuary: It acts as buffer zones to or connectors and migration corridors between established national parks.
 3. Community reserves: It is the private land being accorded protection under the Indian legislature.
 Select the correct answer using the codes given below:
 (a) Only 1
 (b) 1 and 2 only
(c) 1 and 3 only
 (d) All of the above
5. Which of the following statements related to the types of lakes based on the water's Trophic State Index are correctly matched?
 1. Oligotrophic lakes have low primary productivity thus has high drinking water quality.
 2. Eutrophic lakes have high productivity thus causing an abundance of aquatic plants and growth of algae are interrupted.
 Select the correct answer using the codes given below:
(a) Only 1
 (b) Only 2
 (c) Both 1 and 2
 (d) Neither 1 nor 2
6. Consider the following statements:
 1. In bioaccumulation, there is an increase in concentration of a pollutant from the environment to the first organism in a food chain.
 2. In biomagnifications, there is increase in concentration from one link in food chain to another.

3. In bio concentration, the accumulation of a chemical in an organism exceeds that in water due to exposure to waterborne chemicals.
Which of the above statements is/are correct?
- 1 and 2 only
 - 2 and 3 only
 - Only 2
 - All of the above**
7. Which of the following are the examples of Biomes?
- Grasslands
 - Desert
 - Estuaries
 - Coral reefs
 - Tropical Rain Forest
 - Mangroves
- Codes:
- 1, 2 and 5**
 - 1, 2, 4 and 6
 - 1, 2, 3, 5 and 6
 - All of the above
8. Which of the following statements defines the difference between food chain and food web?
- A food web indicates all possible transfer of energy and nutrients among the organisms in an ecosystem whereas a food chain traces only one pathway of the food.
 - Food web increases the stability of the ecosystem whereas separate food chain increases the instability of the ecosystem.
 - Both do not have any effect on improving the adaptability and competitiveness of the organism.
- Select the correct answer using the codes given below:
- 1 and 2 only**
 - 2 and 3 only
 - 1 and 3 only
 - All of the above
9. Which of the following statement is correct regarding the Lodi Dynasty?
- Sikander Lodhi laid the foundation of the Lodhi dynasty in India in 1451.
 - Ibrahim Lodhi wrote Persian verses under the name of 'Gulrakhi'.
 - Bahlol Lodhi defeated Alauddin Alam Shah of the Sayyid Dynasty.**
 - Bahlol Lodhi introduced a new measurement yardstick, the Gazz-i- Sikandar, and a system of auditing of accounts.
10. Consider the following statements regarding the administration under Sher Shah Sur:
- The Land revenue was one-third of the average produce and it was paid in cash or crop.
 - He introduced new silver coins called "Dam".
- Which of the above statements is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2**
 - Neither 1 nor 2
11. Consider the following statements about Abdul Gaffar Khan:
- He refused the presidentship of the Indian National Congress in 1931.
 - He was in support of the partition of India.
 - He actively participated in the Civil Disobedience Movement.
- Which of the above statements is/are correct?
- 1 and 2 only
 - 1 and 3 only**
 - 3 only
 - 1, 2 and 3
12. Consider the following statements regarding provisions of the Poona Pact?
- The seats reserved for the depressed classes were increased in the central legislature and provincial legislature.
 - There was a provision of an educational grant for the education of depressed classes in all provinces.
- Which of the above statements is/are correct?

- (a) 1 only
(b) 2 only
(c) **Both 1 and 2**
(d) Neither 1 nor 2
13. Identify the Personality based on the following description:
1. He has established the first University for women in India.
2. He worked for the upliftment of the status of the widows.
3. In 1958, the Government of India issued stamps commemorating his birth centenary and it was the first time a living person was pictured on the issued stamps.
4. The Government of India awarded him the Highest Civilian award, the Bharat Ratna.
Select the correct answer using the code given below:
(a) Zakir Husain
(b) C. Rajagopalachari
(c) Pandurang Vaman Kane
(d) **Dhondo Keshav Karve**
14. Arrange the following events in chronological order of their occurrence:
1. Alipore Bomb Conspiracy
2. Chittagong Armoury Raid
3. Kakori Train Robbery Case
4. Dalhousie Square Bomb Case
5. Delhi-Lahore Conspiracy
Select the correct answer using the code given below:
(a) 1-5-3-4-2
(b) 5-1-3-2-4
(c) **1-5-3-2-4**
(d) 5-1-3-4-2
15. For which of the following reasons the British government awarded Kaiser-i-Hind to Mahatma Gandhi?
(a) The role played by Gandhiji in South Africa to organize the Indian workers to enable them to fight for their rights.
(b) The role played by Gandhiji in the upliftment of the status of Harijans and propagating removal of untouchability in all its form.
(c) **For raising an Indian Ambulance Code during Boer wars.**
(d) None of the above
16. Consider the following:
1. Joint electorates in place of separate electorates with reserved seats for Muslims.
2. One-third representation to Muslims in the Central Legislative Assembly.
Which of the above were the proposals under Delhi Proposals?
(a) 1 only
(b) 2 only
(c) **Both 1 and 2**
(d) Neither 1 nor 2
17. Concerning the Indian Independence movement, which of the following events took place after the end of World War II?
1. Tebhaga Movement
2. Worli Revolt
3. Eka Movement
4. Punnappa-Vayalar Episode
Select the correct answer using the code given below:
(a) 1 and 3 only
(b) 1, 2 and 4 only
(c) **3 and 4 only**
(d) 1, 2, 3 and 4
18. Which of the following is *incorrect* regarding Jinnah Direct Action Resolution?
(a) **It was given on 27 January 1946.**
(b) It led to large scale communal riots.
(c) It was announced after Nehru's statement regarding NWFP and Assam during the Constitutional Assembly election.
(d) Calcutta was one of the most affected areas of the riots.
19. Consider the following regarding lithium ion (Li-ion) batteries:
1. When the battery is in use, positively- charged lithium ions pass from an anode to a cathode.

2. Li-ion batteries can use only lithium as a material for electrodes.

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

- (a) **1 only**
- (b) 2 only
- (c) 1 and 2
- (d) None

20. Consider the following:

1. Calcutta Unitarian Committee
2. Tabernacle of New Dispensation
3. Indian Reform Association

Keshab Chandra Sen is associated with the establishment of which of the above?

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

21. The Montague Chelmsford proposal were related to

- (a) Social reforms
- (b) Educational reforms
- (c) Reforms in police administration
- (d) **Constitutional reforms**

22. Satya Shodhak samaj organized

- (a) A movement for upliftment of tribals in Bihar
- (b) A temple-entry movement in Gujarat
- (c) **An anti-caste movement in Maharashtra**
- (d) A peasant movement in Punjab

23. Consider the following statement with respect to Equalisation Levy ,sometimes in news

1. Equalisation Levy is a direct tax, which is withheld at the time of payment by the service recipient.
2. It is aimed at taxing business to business transactions.
3. Equalisation Levy was introduced in recent budget 2022-2023 for the first time.

Choose the correct statement/s using the code given below

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

24. Consider the following with respect to Atlantic council

1. It is a Inter Governmental organisation which is a think tank in the field of international affairs
2. India is a observer member to it

Choose the incorrect statement/s

- a) 1 only
- b) 2 only
- (c) **Both**
- d) None of the above

25. The Green house gas Bulletin released by

- a) UNEP
- b) WWF
- c) UNFCC
- (d) **WMO**