

**ENV, HIS, CA**

1. Consider the following statements with respect to the National Wasteland Development Board:
  1. It was established in 1985 under the Ministry of Rural Development.
  2. It is mainly responsible for the development of wastelands in non-forest areas in totality by involving local people at every stage of development.
 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
2. Which one of the following is a very significant aspect of Champaran Satyagraha?
  - (a) Active all-India participation of lawyers, students and women in the national movement
  - (b) Active involvement of Dalit and Tribal Communities of India in the National movement
  - (c) Joining of peasant unrest to India's National Movement.**
  - (d) Drastic decrease in the cultivation of plantation crops and commercial crops.
3. Who among the following were the founders of the 'Hind Mazdoor Sabha' established in 1948?
  - (a) Jayaprakash Narayan Din Dayal Upadhyaya and M.N. Roy
  - (b) C.P. Ramaswamy Iyer, K. Kamraj and veeresalinsun Pantulu
  - (c) Ashok Mehta, T.S Ramanujam and G.G. Mehta**
  - (d) None of the above
4. Which one of the following statements does not apply to the system of Subsidiary Alliance introduced by Lord Wellesley?
  1. To maintain a large standing army at other's expense.
  2. To keep India safe from Napoleonic danger
  3. To secure a fixed income for the company
  4. To establish British paramountcy over the Indian states.
  - (a) 1 only
  - (b) 2 and 3 only
  - (c) 1, 2 and 3 only**
  - (d) 4 only
5. Which of the following led to the introduction of English education in India?
  1. Charter Act of 1813
  2. General Committee of public instruction, 1823
  3. Orientalist and Anglicist controversy
 Select the connect answer using the code given below.
  - (a) 1 and 2 only
  - (b) 2 only**
  - (c) 1 and 3 only
  - (d) 1, 2 and 3**
6. Which of the following is/are the causes of coral bleaching?
  1. Excessive sedimentation in the reef ecosystem
  2. Excess nutrients like ammonia and nitrates entering the reef system
  3. Increased exposure to Ultraviolet (UV) radiation
 Select the correct answer using the code given below.
  - (a) 1 only
  - (b) 1 and 2 only
  - (c) 2 only
  - (d) 1, 2 and 3**
7. In 1920, which of the following changed its name to 'Swarajya Sabha'?
  - (a) All India Home Rule League**
  - (b) Hindu Mahasabha
  - (c) South Indian Liberal Federation
  - (d) The Servants of India Society
8. Which among the following events happened earliest?
  - (a) Swami Dayanand established Arya Samaj
  - (b) Dinabandhu Mitra wrote Neeldanpan**
  - (c) Bankim Ch. Chattopadhyay wrote Anandmath
  - (d) Satyendranath Tagore became the first Indian to succeed in the Indian civil services examination.

9. With reference to educational institutions during colonial rule in India, consider the following pairs

**Institution**

**Founder**

1. Sanskrit college at Benaras - William Jones
2. Calcutta Madarsa - Warren Hastings
3. Fort William Arthur college - Wellesley

Which of the above pairs are correctly matched

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

10. With reference to ecological pyramids, consider the following statements:

1. In an aquatic ecosystem, the pyramid of biomass is always upright.
2. In all ecosystems of the world, the pyramid of numbers is always upright.
3. In a terrestrial ecosystem, the pyramid of energy is always inverted.

Which of the statements given above is/are correct?

- (a) 1, 2 and 3
- (b) 1 and 2 only
- (c) 1 only
- (d) **None of the above**

11. Consider the following events:

1. The first democratically elected communist party govt. formed in a state in India.
2. India's then largest bank, 'Imperial Bank of India', was renamed 'State Bank of India'.
3. Air India was nationalized and became the national carrier
4. Goa became a part of independent India.

Which of the above are in correct chronological sequence?

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

12. The plan of Sir Stafford Cripps envisaged that after the second world war

- (a) India should be granted complete independence.
- (b) India should participate in the war before granting independence.
- (c) India should be made a republic with the condition that she will join the common wealth.
- (d) **India should be given dominion status.**

13. What was the main reason for the split in the Indian National Congress at Surat in 1907?

- (a) Introduction of communalism into Indian politics by Lord Minto
- (b) **Extremists' back of faith in the capacity of the moderates to negotiate with the British Govt.**
- (c) Foundation of Muslim League
- (d) Aurobindo Ghosh's inability to be elected as the president of the Indian National Congress.

14. Which of the following statements explain the characteristic differences of a wetland from a lake?

1. Wetlands are wind regulated but Lakes are thermally regulated.
2. Wetlands are mainly permanent water bodies akin to lakes.
3. Biomass productivity of Wetlands are high as compared to lakes.
4. The water in lakes is standing whereas Wetlands can have static or flowing water.

Select the correct answer using the codes given below:

- (a) 2 and 3
- (b) 1 and 4
- (c) **1, 3 and 4**
- (d) All of the above

15. Which of the following are the components of 'Intensification of Forest Management Scheme'?

1. Forest fire control.
2. Building Roads and watch towers.
3. Control and Eradication of Forest Invasive Species.
4. Conservation of sacred groves.
5. Firearms and communication infrastructure.

Codes:

- (a) 1, 3 and 4
- (b) 3 and 4

- (c) 2, 3 and 5  
(d) **All of the above**
16. Consider the following statements with respect to the range of tolerance terminologies:
1. Range of tolerance denotes the single factor that limits the growth, abundance, or distribution of the population of a species in an ecosystem.
  2. Ecological amplitude are the limits of environmental conditions within which an organism can live and function.
  3. Threshold Effect is the harmful effect on organism due to small change in environmental conditions that exceeds the limit of tolerance of an organism or population of a species.
- Which of the above stated terms is/are correctly matched?
- (a) Only 2  
(b) 1 and 3 only  
(c) **2 and 3 only**  
(d) All of the above
17. "Ecotone is a transitional area between two different ecosystems", consider the following statements with respect to the Ecotone:
1. An Ecotonal area has a higher density organism of one species and a greater number of species than are found in either flanking community.
  2. Ecotones don't appear where one body of water meets another.
  3. Grasslands represent an ecotone between forest and desert ecosystem.
- Which of the above statements are correct?
- (a) 2 and 3 only  
(b) 1 and 2 only  
(c) **1 and 3 only**  
(d) All of the above
18. Which of the following factors affect the rate of photosynthesis in plants?
1. Amount of CO<sub>2</sub> and H<sub>2</sub>O available.
  2. Intensity of solar radiation.
  3. Amount of Chlorophyll.
  4. Temperature of the chloroplast.
- Codes:
- (a) 1, 2 and 3  
(b) 2, 3 and 4  
(c) 1, 3 and 4  
(d) **All of the above**
19. Consider the following definitions with respect to the Measurement of Bio-diversities:
1. Species evenness is measure of the relative abundance of the different species making up the richness of an area.
  2. Gamma diversity is a measurement of the overall diversity for different ecosystems within a region.
  3. Alpha diversity refers to diversity within a particular area and is measured by counting the numbers of taxa within the ecosystem.
- Which of the above stated definitions is/are correct?
- (a) 2 and 3 only  
(b) 1 and 3 only  
(c) Only 3  
(d) **All of the above**
20. Consider the following statements with respect to the Coral Reefs:
1. Only hard corals build reefs.
  2. Most of the reefs are located between the Tropics of Cancer and Capricorn as they require clean, warm and high saline water.
  3. Reef building corals are a symbiotic association of Polyps and Zooxanthellae.
- Which of the above statements is/are correct?
- (a) **1 and 3 only**  
(b) 2 and 3 only  
(c) Only 3  
(d) All of the above
21. **Which of the following statements are not true with reference to the process of Delimitation ?**
- a) **Delimitation is carried out by an independent Delimitation Commission appointed by the Election Commission of India.**
  - b) **The draft proposals of the Delimitation Commission are published for public feedback.**
  - c) **Under Article 82, Parliament is to enact a Delimitation Act after every Census.**

- d) **In the history of the Indian republic, Delimitation Commissions have been set up four times.**
22. With reference to Ahilyabai Holkar, consider the following statements:
1. She took control of Malwa after her husband's death in the Battle of Kumbher against the king of Bharatpur in 1754.
  2. In 1780, she had the Kashi Vishwanath temple in Varanasi rebuilt, nearly a century after Mughal king Aurangzeb ordered its destruction.
  3. She fought bravely against the British in the Battle of Mahidpur.

Which of the following statements are correct?

- a) Only 1
  - b) Only 1 and 2**
  - c) Only 1 and 3
  - d) Only 2 and 3
23. Consider the following statements regarding Manipur Sangai Festival:
1. The theme of this year's Sangai festival is "Festival of oneness".
  2. Scientific Name of Sangai Deer is Rucervus eldii.
  3. Sangai deer is listed as Endangered on IUCN Red List

Select the correct answer using the codes below:

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

24. Consider the following statements about DigiYatra Project:

1. It provides a centralized mobile wallet-based identity management platform which is cost effective and addresses privacy/data protection issues in implementation of Digi Yatra.
2. Airports Authority of India (AAI) will identify their airports where Digi Yatra would be implemented in a phased manner.

Select the correct answer using the codes below:

- a) 1 only
- b) 2 only**
- c) Both 1 and 2
- d) Neither 1 nor 2

25. Defence Exercise Country involved

1. AJEYA WARRIOR United States of America
2. MITRA SHAKTI Sri Lanka
3. YUDH ABHYAS United Kingdom
4. Konkan Shakti Japan

Which of the pairs given above is/are correctly matched?

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