

ENVIRONMENT, HISTORY, CA

1. Which of the following does/do not belong to abiotic conditions?
 1. Water
 2. Soil
 3. Temperature
 4. Rainfall

Select the correct answer using the code given below.

 - a) 1 and 3 only
 - b) None**
 - c) 1, 2 and 4 only
 - d) 1, 2 and 3 only
2. Which of the following are examples of ecosystem services provided to us by nature?
 1. Cultural services such as recreation
 2. Regulating services such as flood control
 3. Provisioning services such as water
 4. Supporting services such as soil formation

Selecting the correct answer using the code given below:

 - a) 1, 2, 3 and 4**
 - b) 1, 2 and 3 only
 - c) 2, 3, and 4 only
 - d) 1 and 4 only
3. Which one of the following terms describes not only the physical space occupied by an organism but also its functional role in the community of organisms?
 - (a) Ecotone
 - (b) Ecological niche**
 - (c) Habitat
 - (d) Home range
4. Which of the following does/do not belong to abiotic conditions?
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Select the correct answer using the code given below.

 - (a) 1 and 3 only
 - (b) 1, 2 and 4 only
 - (c) 1, 2 and 3 only
 - (d) None of these**
5. Which among the following statements is incorrect?
 - (a) Biome refers to large scale areas of similar flora and fauna and climatic characteristics.
 - (b) An ecosystem is a set of organisms and abiotic components connected by the exchange of matter and energy.
 - (c) Ecological niche is a set of only biotic conditions in which a species is able to persist and maintain stable population sizes.**
 - (d) Community consists of all the species living in a particular area.
6. The final product of photosynthesis is:
 1. Carbohydrates
 2. Carbon dioxide
 3. Oxygen
 4. Water

Which of the above is/are correct?

 - (a) 1 and 2
 - (b) 2 and 3
 - (c) 1 and 4
 - (d) 1 and 3**
7. Saprophytes are the organisms which depend for food on
 - a. Living plants
 - b. Living animals
 - c. Dead and decaying material**
 - d. Inorganic compounds
8. Which of the following organisms is the 'producer' of the ocean?
 1. Phytoplankton
 2. Nekton
 3. Krill
 4. Zooplankton

Select the correct answer using the code given below:

- (a) 1 and 4 only
(b) 1, 3 and 4 only
(c) 1, 2 and 3 only
(d) **1 only**
9. With reference to food chains in ecosystems consider the following statements:
1. A food chain illustrates the order in which a chain of organisms feed upon each other.
2. Food chains are found within the populations of a species.
3. A food chain illustrates the numbers of each organism that are eaten by others.
Which of the statements given above is/are correct?
(a) **1 only** (b) 1 and 2 only
(c) 1, 2 and 3 (d) None
10. Which of the following statements is/are true with regard to energy?
1. There is no loss when mechanical energy is converted into electrical energy.
2. Energy can be created or destroyed.
3. Whenever energy changes its form, some part is lost.
4. As we move up the trophic levels, the amount of usable energy available at each stage increases.
Select the correct answer using the code given below.
a. 1 and 3 only
b. **3 only**
c. 1, 2, and 3 only
d. 1, 2, 3 and 4
11. Which of the following pair(s) is/are correctly matched?
Events British Officers
1. End of Anglo-Mysore Wars : Richard Wellesley
2. Annexation of Punjab : Dalhousie
3. Annexation of Poona : Lord Hastings
Select the correct answer using codes given below:
(a) 1 and 2 only (b) 2 and 3 only
(c) 1 and 3 only (d) **1, 2 and 3**
12. With reference to the colonial rule of India, which one of the following was not the feature of subsidiary Alliance System?
(a) A subsidiary British army was to be maintained in the Indian State
(b) The determination of expenses incurred on the subsidiary British army was the duty of Indian State
(c) The Indian State had to keep a British resident in her capital
(d) **Indian soldiers could be used by the company commanders**
13. Consider the following about the policy of "paramountcy".
1. East India Company was abolished and India began to be governed directly by the British Monarch
2. The British assured the Indian states that their territory would not be annexed in the future.
Which of the above is/are correct?
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) **Neither 1 nor 2**
14. Consider the following statements about Permanent Settlement System.
1. Permanent Settlement System was introduced by Lord Wellesley in 1793.
2. It was introduced on the recommendations of Sir John Shore.
Which of the statements given above is/are are correct?
(a) 1 only
(b) 2 only
(c) **Both 1 and 2**
(d) Neither 1 nor 2
15. With reference to Permanent Settlement System, consider the following statements:
1. It recognized Zamindars as the owner of the land.
2. The revenue settled was revised every 20-30 years.
3. It was introduced in Orissa, Bengal and Bihar.
Which of the statements given above are correct?
(a) 1 and 2 only
(b) 2 and 3 only
(c) **1 and 3 only**
(d) 1, 2 and 3
16. The French failed to establish power in the Deccan because

- (a) Dupleix was not a capable general
(b) **the English had a strong navy**
(c) the French were not liked by the Indians
(d) Pondicherry was not a strategic place
17. The French challenge to British came to an end with
(a) **the Battle of Wandiwash**
(b) the Battle of Sialkot
(c) the Battle of Seringapatnam
(d) the Battle of Bedar
18. Consider the following statements.
I. Awadh was annexed by Lord Dalhousie in 1856.
II. During Revolt of 1857, Begam Hazrat Mahal took leadership in Awadh.
Which of the above statements is/are correct?
a) Only I
b) Only II
c) **Both I and II**
d) Neither I nor II
19. Who among the following was not a party to the league that was defeated by the British in the Battle of Buxar?
(a) Shuja-ud-Daulah
(b) Shah Alam
(c) Mir Kasim
(d) **Mir Jafar**
20. Which one of the following statement is NOT correct ?
(a) **Ali Mardan Khan introduced the system of revenue farming in Bengal**
(b) Maharaja Ranjit Singh set up modern foundries to manufacture cannons at Lahore
(c) Sawai Jai singh of Amber had Euclid's 'Elements of Geometry' translated into Sanskrit
(d) Sultan tipu of Mysore gave money for the construction of the idol of Goddess Sharda in Sringeri temple
21. Which of the following countries are a part of Organisation of the Petroleum Exporting Countries (OPEC)?
1. Iran
2. Iraq
3. Kuwait
4. Ecuador
Select the correct answer using the code given below
a) **1, 2 and 3 only**
b) 1 and 3 only
c) 2 and 4 only
d) 1, 2, 3 and 4
22. Which of the following steps are taken by the government in order to curb the air pollution in Delhi and NCR region?
1. Implementation of National Clean Air Programme (NCAP) for reduction in PM 10 and PM 2.5 concentrations
2. Implementation of Graded Response Action Plan (GRAP) in Delhi and NCR region
3. Providing subsidies for the In-Situ Management of Crop Residue.
Select the correct answer using the code given below:
a) 2 only
b) 1 and 2 only
c) 2 and 3 only
d) **1, 2 and 3 only**
23. Consider the following statements, with respect to Double Asteroid Redirection Test (DART)
1. It is a NASA space mission aimed at testing a method of planetary defense against near-Earth objects
2. Under the test, spacecraft collided with asteroid Benu.
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
24. Consider the following statements regarding the Unlawful Activities (Prevention) Act, 1967 or UAPA Act:
1. It defines and provides for punishment for "terrorist act".
2. It puts the onus of proof of crime on the prosecutor and the police.
Which of the above statement(s) is/are correct?

- a) **1 only**
 - b) 2 only
 - c) Both correct
 - d) Neither correct
25. Consider the following statement about the Windfall tax
- 1. It is a higher tax rate on profits that result from a sudden windfall gain to a particular company or industry.
 - 2. Indian taxation system has provision for windfall tax.
- 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



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