

ENVIRONMENT, HISTORY, CA

1. Consider the statements with reference to the 'Central Pollution Control Board':
 1. It has been established as an autonomous body under the Environment Protection Act, 1986.
 2. It coordinates the activities of State Pollution Control Boards and resolves disputes among them.

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. Consider the following statements:
 1. Pyrolysis is the process of thermal conversion of organic matter in the presence of oxygen.
 2. Gasification is a thermo-chemical process that converts biomass into a combustible gas in the absence of oxygen.
 3. The process of gasification generally needs more temperature than pyrolysis.

Which of the statements given above is/are correct?

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

3. The Special Report on the Ocean and Cryosphere in a Changing Climate was recently released by

- a) Germanwatch
- b) International Union for Conservation of Nature
- c) World Bank
- d) **UN Intergovernmental Panel on Climate Change**

4. Permafrost, the perennially frozen soil in high latitude and altitude regions, has exhibited increased thawing due to global warming. Which of the following may be its consequences?

1. It may lead to a positive feedback loop.
2. It may pose a threat to local ecosystems.
3. It may cause damage to local infrastructure.

Which of the statements given above is/are correct?

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

5. Consider the following statements in the context of ozone protection efforts by India:

1. The Central Government framed Ozone Depleting Substances Rules under the Air (Prevention & Control of Pollution) Act, 1981.
2. India is the first country ever to develop its Cooling Action Plan.
3. The India Action Cooling Plan can reduce the emissions of both Ozone Depleting Substances and Green House Gases.

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

6. Consider the following statements with reference to India's Intended Nationally Determined Contributions:

1. India has pledged to reduce the emissions intensity of its GDP by 33-35 per cent by 2030, below 2005 levels.
2. India's pledge to install 40 per cent of its total electricity capacity from fossil fuel-based energy sources.
3. It intends to create an additional carbon sink of 2.5 to 3 billion tonnes of CO₂ through additional forests by 2030.

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

7. What is a keystone species?

- a) **A species which makes up only a small proportion of the total biomass of a community, yet has a huge impact on the community's organization and dominant species**
- b) A common species that has plenty of biomass yet has a fairly low impact on the community organization

- c) A rare species that has minimal impact on the biomass and on other species in the community
d) A dominant species that constitutes a large proportion of the biomass and which affects many other species.
8. Which of the following does not add carbon dioxide to the carbon cycle on earth?
a) Respiration
b) Decay of organic matter
c) **Photosynthesis**
d) Volcanic action
9. Hot spots are primarily designated on basis
a. **Endemism**
b. Species diversity
c. Area covered species
d. Flowering plant species
10. The Himalayan Range is very rich in species diversity. Which one of the following is most appropriate reason for the phenomenon?
a) It has a high rainfall that supports luxuriant vegetative growth.
b) **It is a confluence of different bio-geographical zones.**
c) Exotic and invasive species have not been introduced in this region.
d) It has less human interference.
11. Arrange the following events in correct chronological order.
1. 1st Anglo Nepal war
2. 1st Anglo Burmese war
3. 4th Anglo Maratha war
4. 1st Anglo Afghan war
Select correct answer using codes given below:
a) 1-3-2-4
b) 1-2-3-4
c) **3-1-2-4**
d) 3-1-4-2
12. During the rule of East India Company which Indian state was annexed on ground of misrule by the Indian ruler?
a) Punjab
b) Jhansi
c) **Awadh**
d) Hyderabad
13. Consider the following statements regarding the Carnatic wars:
I. The Carnatic wars were indirectly connected with rivalry between English and the French in Europe.
II. The second Carnatic war was concluded with the Treaty of Pondicherry.
III. The French had to transfer Pondicherry and Karaikkal to British as a result of the third Carnatic war.
Which of the statements given above is/are correct?
a) 2 and 3 only
b) 1 only
c) **1 and 2 only**
d) 3 only
14. Consider the following statements.
I. The founder of the autonomous kingdom of Avadh was Saddat Khan Burhan-ul-Mulk.
II. He was appointed as the Governor of Awadh in 1722.
Which of the above statements is/are correct?
a) Only I
b) Only II
c) **Both I and II**
d) Neither I nor II
15. Which of the following was not mentioned in the Charter Act of 1833?
a) East India Company lost the monopoly of trade with China of tea.
b) Territorial possession of the Company was to be with the Company for next 20 years, as the trust of the crown.
c) **The number of Directors was reduced from 24 to 18, out of which 6 were to be nominated by the Crown.**
d) The Superintendence, direction and controls of all civil and military administration was vested in the Governor-General in Council, which consisted of four members.

16. During the colonial period in India, what was the purpose of the Whitley Commission?
- To review the illness of India for further political reforms
 - To report on the existing conditions of labour and to make recommendations**
 - To draw up a plan for financial reforms for India
 - To develop a comprehensive scheme for Civil Services in India
17. The aim of education as stated by the Wood's dispatch of 1854 was
- the creation of employment opportunities for native Indians
 - the spread of western culture in India
 - the promotion of literacy among the people using English medium of language**
 - the introduction of scientific research and rationalism in the traditional Indian education
18. With regard to Singh Sabha Movement, which of the following statement(s) is/are correct?
- It aimed for modern Western education for Sikhs
 - It was formed to counter proselytizing activities in Sikhs by Hindu revivalists
 - The Akali Movements was an off-shoot of this movement
 - All of the above**
19. Which amongst the following is/are correct?
- Indian society during nineteenth century was marred by religious superstitions and social obscurantism.
 - Social conditions of women were good but some vices like sati, child marriage prevailed in the society
 - Raja Ram Mohan said "Sati is murder according to every shastra".
 - People at lower ladder of the society were called untouchables, who formed about 20 percent of population.
- Choose the correct answer
- Only 1 and 2 are correct
 - 1, 3 & 4 are correct**
 - All are correct
 - None
20. Which amongst the following is/are incorrect?
- Pandit Ishwar Chandra Vidyasagar was associated with women's education.
 - Arya Samaj crusaded for disintegration of Hindu society in to myriad sub castes aimed at four-fold division and upholding the rights of even the lowest castes.
 - Initiatives to open temples for lower castes was done by rulers of Indore, Devas and Travancore.
 - Ambedkar founded All India Harijan Sangh in 1932.
- Choose the correct answer
- Only 1 and 3 are correct
 - 1, 2, 3 are correct
 - All are correct
 - Only 4**
21. World Oil Outlook 2021 recently published by which of the following ?
- International Energy Agency(IEA)
 - World Trade Organization (WTO)
 - United Nations Environment Programme
 - Organisation of Petroleum Exporting Countries(OPEC).**
22. Which of the following languages is /are given classical status in the Eighth Schedule of the Indian Constitution?
- Kannada
 - Sanskrit
 - Malayalam
 - Dogri
- Select the correct answer using the codes given below:
- 1 and 2 only
 - 2 and 3 only
 - 3 only
 - 1, 2 and 3 only**
23. Cabinet Committee on Economic Affairs (CCEA) recently seen in the news, it is chaired by:
- President
 - Finance Minister
 - Prime Minister**
 - Speaker of the Lok Sabha
24. With reference to Section 498A of IPC, which of the following statements is/are correct?
- The definition of cruelty covers both physical and mental abuse.

2. The Malimath Committee has recommended making the law compoundable to prevent the possibility of settlement or compromise in the cases.

Select the correct answer using the codes given below:

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

25. With reference to International Thermonuclear Experimental Reactor(ITER) , consider the following statements:

- 1. It is the world's largest fission experiment.
- 2. It was launched in 1985 and is located in France.
- 3. India is a member of this collaboration.

Which of the statements given above are correct?

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



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