

1-A substantial increase in atmospheric aerosols is likely to

1. Affect rainfall patterns
2. Cut down the destruction of stratospheric ozone significantly
3. Increase global warming by large proportions

Select the correct answer code:

a) 1 only

b) 1, 3

c) 1, 2, 3

d) 1, 2

2-Consider the following statements regarding Eutrophication.

1. Eutrophication is when a body of water becomes overly enriched with minerals and nutrients which induce excessive growth of algae and in turn, increases water quality.
2. Increase of phytoplankton in a water body is the response to increased levels of nutrients.

Which of the above statements is/are correct?

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

3-Ecological Succession is generally characterized by

1. Increased productivity
2. Decreased niche development
3. Increased complexity of food webs

Select the correct answer code:

a) 1, 2

b) 1, 3

c) 2, 3

d) 1, 2, 3

4-What do you understand by Ecological footprint?

- a) The way in which ecological agents reveal their preferences through ecological activity
- b) A degree of impairment to an ecosystem, which when surpassed is too severe to allow recovery of that ecosystem
- c) An index of the area of a productive ecosystem required to produce the resources used and to assimilate the wastes produced by a defined population**
- d) Non-monetary assessment of ecosystem integrity, health or resilience

5-Consider the following statements regarding Keoladeo National Park.

- 1. Keoladeo National Park is a famous avifauna sanctuary that hosts thousands of birds, especially during the winter season.
- 2. It is a natural wetland and also a UNESCO World Heritage Site.
- 3. It is located in the middle of Central Asian migratory flyway.

Which of the above statements is/are correct?

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

6-Consider the following statements regarding dissolved oxygen in an aquatic ecosystem.

- 1. It increases with increase in temperature of a water-body.
- 2. Its concentration in fresh water is usually more than the concentration of oxygen in air.
- 3. Snow cover of ice on water reduces dissolved oxygen concentration.

Which of the above statements is/are correct?

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

7-With reference to ecological succession, the term Seral stage refers to

- a) Intermediate stage in an ecological succession.**
- b) Final stage in the ecological succession that is in near equilibrium with the environment.
- c) First stage of primary succession in an area.

d) First stage of secondary succession in areas where natural biotic communities have been destroyed.

8-During winter the vehicles with closed doors and windows remain warmer than the temperature outside. This may be due to

a) Greenhouse effect

b) Heat Conduction by metallic frame of vehicle

c) Ionizing radiation effect

d) High pollution outside the vehicle

9-Consider the following statements regarding Methane Emissions.

1. Wetlands contribute the maximum share for the global methane emissions.

2. Temperate regions and Arctic are the major contributors of Methane.

3. Methane is categorised as a Short-lived climate pollutant, that have relatively short lifetime in the atmosphere.

Which of the above statements is/are correct?

a) 1, 2

b) 1, 3

c) 2, 3

d) 1, 2, 3

10-The higher the amount of biological oxygen demand (BOD) in a certain segment of water

1. The greater the amount of organic matter available for oxygen consuming bacteria.

2. Higher could be the level of pollution in the water

Select the correct answer code:

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

11-Consider the following statements.

1. Roman art style is more of ornamentation and decoration and is realistic in nature.

2. The Greeks art style is reflected in the muscular depictions of Gods.

3. Gandhara School integrates both Greek and Roman art styles.

Which of the above statements is/are correct?

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

12-Consider the following statements regarding Bharatnatyam dance.

- 1. The accompanying song while performing it is generally dedicated to good harvests.
- 2. Its performance ends with a tillana which has its origin in the tarana of Hindustani music.

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-Which of the following most appropriately describes "Toranas"?

- a) Collection of Chinars and Pietra duras seen in decorative works in Islami architecture
- b) Calligraphy inscribed on interior walls of royal durbars
- c) Gateways to Buddhist Stupas**
- d) Style of dome-based architecture introduced by Turks

14-Rajaraja Chola I is associated with which of the following cultural heritages of India?

- 1. Brihadeeswara temple at Tanjore
- 2. The compilation of Thirumurai
- 3. Nagapattinam monastery

Select the correct answer code:

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

d) 1, 2, 3

15-Consider the following statements regarding Bharhut stupa.

1. The construction of Bharhut stupa was started and completed during Shunga period.
2. They contain numerous birth stories of the Buddha's previous lives, or Jataka tales.

Which of the above statements is/are correct?

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

16-Consider the following statements regarding Ajanta Caves Paintings

1. The human & animal forms show a variety of graceful poses.
2. It depicts themes of court life and natural scenes
3. Most of the paintings were depicted after Gupta Period

Which of the above statements is/are correct?

a) 1, 3

b) 2, 3

c) 1, 2

d) 1, 2, 3

17-Consider the following statements regarding Kuchipudi.

1. It is mentioned in Natya Shastra.
2. As per tradition, the dance must be accompanied by live vocals without instrumental music.
3. It is recognized as an Indian classical dance.

Select the correct answer code:

a) 1, 2

b) 2, 3

c) 1, 3

d) 1, 2, 3

18-With reference to the Sangam age, Panar and Viraliyar were

- a) Temple guards
- b) Bull fighters
- c) Singing birds**
- d) Charity donors

19-Which of the following pairs are correctly matched?

- 1. Dhyana Mudra: supreme enlightenment
- 2. Vitarka Mudra: fearlessness
- 3. Dharmachakra Mudra: Turning the Wheel of the Dharma

Select the correct answer code:

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

20-Consider the following statements regarding Bhakti saints.

- 1. Saint Kabir is famous for his dohas (couplets)
- 2. Surdas wrote Ramacharithamans, one of the most revered Hindu texts.

Which of the above statements is/are correct?

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

21. Consider the following statements:

- 1. The Digital India Land Record Modernization Programme (DILRMP) was launched in 2015 by the Government of India.
- 2. The Unique Land Parcel Identification Number (ULPIN) System contains 14 digits – Alpha-numeric unique ID for each land parcel surveyed in India.

Which of the given above statements is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

22. With reference to National Register of Citizens (NRC), consider the following statements:

1. It is an official record of all genuine Indian citizens.

2. The register was first prepared after the 1951 Census of India and since then it has been updated regularly.

3. At present, only Nagaland has such a register.

Select the correct answer using the code below:

(a) 1 and 3 only

(b) 2 only

(c) 2 and 3 only

(d) 1 only

23. The object of the Butler Committee of 1927 was to?

(a) Define the jurisdiction of the Central and Provincial Governments.

(b) Define the powers of the Secretary of State for India.

(c) Impose censorship on national press.

(d) Improve the relationship between the Government of India and the Indian States.

24. With reference to 'Swamitva Yojana', consider the following statements:

1. It is a Central Sector scheme.

2. The Department of Land Resources is the Nodal Department for implementation of the scheme.

3. It aims to provide an integrated property validation solution for rural India.

Which of the given above statements is/are correct?

(a) 1 and 2 only

(b) 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

25. Which one of the following is a critically endangered species in India?

(a) Malabar Civet

(b) Asiatic lion

(c) Bengal tiger

(d) Nilgiri tahr

ANSWER SHEET

1	A	10	C	19	B
2	B	11	D	20	A
3	B	12	B	21	B
4	C	13	C	22	D
5	B	14	D	23	D
6	B	15	B	24	C
7	A	16	C	25	A
8	A	17	C		
9	B	18	C		