

1-The terms “Absorptive Capacity” and “Carrying capacity” are used in the discourse of

- a) Evolutionary biology
- b) Geographical determinism
- c) Employment elasticity
- d) Sustainable Development

2-Consider the following statements regarding Forest landscape restoration (FLR).

1. Forest landscape restoration (FLR) is the ongoing process of regaining ecological functionality and enhancing human well-being across deforested or degraded forest landscapes.
2. FLR also includes planting new trees, agro-forestry, and managing natural regeneration.

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-Bacterium that can be used for bio-remediation operations include

1. Nitrosomonas
2. Rhodococcus
3. Paenibacillus

Select the correct answer code:

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

4-Arsenic contamination of water is a high-profile problem in the Ganges Delta because

1. Arsenic is not found naturally within earth’s crust and has been infused artificially due to industrial pollution.
2. Use of deep tubewells for water supply is drawing arsenic closer to the surface.

Which of the above is/are correct?

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

5-Which one of the following is the correct sequence of ecosystems in the order of decreasing productivity?

- a) Oceans, lakes, grasslands, mangroves
- b) Mangroves, oceans, grasslands, lakes
- c) Mangroves, grasslands, lakes, oceans
- d) Oceans, mangroves, lakes, grasslands

6-Consider the following statements

1. Phytoremediation is use of plants to remove contaminants from soil and water.
2. All contaminants are easily treated by bioremediation.

Which of the above statements is/are correct?

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

7-Consider the following statements regarding Black carbon.

1. It is formed through the incomplete combustion of fossil fuels.
2. It is a short-lived climate pollutant.
3. If deposited on snow, it could accelerate the heating of snow.

Which of the above statements is/are correct?

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

8-Which of the following common plants are useful for wastewater treatment?

1. Lemon grass
2. Water hyacinth
3. Canna indica

Select the correct answer code:

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

9-Excessive generation of fly ash can lead to which of these harmful environmental effects?

1. It can result in leaching of toxic heavy metals in ground water.
2. It contains crystalline silica which can cause silicosis.

Which of the above statements is/are correct?

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

10-Increased Snow cover on a water body can lead to

1. Sudden spurt in phytoplankton population which are not dependent on photosynthesis
2. Improved oxygen exchange and nutrient recycling in the lake
3. A condition of winterkill causing large scale death of fishes and organisms

Select the correct answer code:

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

11-Consider the following statements regarding Thanjavur painting.

1. It largely depicts the social and economic life of common man.

2. The paintings are notable for their adornment in the form of semi-precious stones and glass.

Which of the above statements is/are incorrect?

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

12- This type of scroll painting is one of the most famous paintings of Rajasthan. It depicts exploits of local deities which are often carried from place to place and are accompanied by traditional singers, who narrate the theme depicted on the scrolls. This refers to?

- a) Phad
- b) Rangavalli
- c) Mandana
- d) Patachitrakala

13- Consider the following pairs:

Folk Painting	State/Region
Madhubani	Bihar
Pattachitra	Andhra Pradesh
Patua	West Bengal

Which of the above pairs is/are correctly matched?

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

14- Which of the following was/were the changes effected in Indian Paintings with the arrival of European artists?

- 1. Inculcation of the idea of Realism
- 2. Introduction of the technique of water colours.

Select the correct answer code:

- a) 1 only

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

15-Consider the following statements.

1. Lai Haraoba is one of main festivals still performed in Manipur which has its roots in the pre-Vaishnavite period.
2. Lai Haraoba is the earliest form of dance which forms the basis of all stylised dances in Manipur.

Which of the above statements is/are correct?

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

16-“Maseetkhani” style is associated with the family of

- a) Tansen
- b) Jahangir
- c) Ibrahim Lodi
- d) Dara Sikoh

17-Nyaya-Vaisheshika systems of philosophy are encompassed by

- a) Mimamsa School
- b) Vedanta School
- c) Yoga School
- d) Samkhya School

18-Which of these ragas is usually performed late in the morning?

- a) Raga Darbari
- b) Todi
- c) Raga Bhopali
- d) Bhimpalasi

19-Consider the following statements about Bengal School of Painting that flourished throughout India during the British Raj in the early 20th century.

1. They followed modern western art forms and dismissed the ancient Indian art as primitive.
2. It only painted themes related to Indian freedom struggle so as to generate nationalistic consciousness.

Which of the above statements is/are correct?

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

20-Consider the following statements regarding Harappan Civilization.

1. Most of the potteries found in the sites of Harappan Civilization are handmade.
2. Both men and women wore ornaments, while there were some ornaments which were worn only by women.
3. Both cotton and wool fabrics were used by Harappans.

Which of the above statements is/are correct?

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

21. Consider the following statements regarding Government of India to set up Garima Grihas

1. GoI to set up Garima Grihas for transgender persons to provide safe shelter
2. Such shelter homes have been set up in the states of Maharashtra, Delhi, West Bengal, Rajasthan, Bihar, Chhattisgarh, Tamil Nadu and Odisha.

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

22. Consider the following statements regarding new Lebanon's prime minister

1. Billionaire businessman Najib Mikati was appointed as Lebanon's new prime minister
 2. His appointment comes just 11 days after Saad Hariri resigned as prime minister-designate
 - (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
23. Consider the following statements regarding UNESCO World Heritage status
1. Brazil landscape garden Sitio Burle Marx receives UNESCO World Heritage status
 2. The site has been named after Neymar a Brazilian football player.
 - (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
24. Consider the following statements regarding INS Khanjar
1. INS Khanjar becomes the first INS to call at heritage coastal port of Gopalpur in Odisha
 2. The two-day visit was organised as part of Aazadi ka Amrit Mahotsav as well as Swarnim Vijay Varsh celebrations to commemorate the 75th anniversary of Independence and the 150th anniversary of the 1971 War.
 - (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
25. Consider the following statements regarding International Clean Air Catalyst Programme
1. The Indore city of Madhya Pradesh, or the cleanest city of India, has become the only city from the country to be selected for International Clean Air Catalyst Programme.
 2. The project will be operated for a period of 10 years to purify the air in the city with the cooperation of Indore Municipal Corporation and Madhya Pradesh Pollution Control Board.
 - (a) 1 only
 - (b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

ANSWER SHEET

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