

1. Consider the following statements regarding difference between Wild life sanctuary and National Park (NP).

1. Certain activities like grazing of livestock are regulated in sanctuaries and are prohibited in National Parks.

2. National park can be created for a particular species whereas the Wildlife sanctuary is not primarily focused on a particular species.

Which of the above statements is/are correct?

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

2. Consider the following statements regarding Marine Upwelling.

1. Upwelling generates some of the world's most fertile ecosystems.

2. Upwelling affects the movement of animal life in the Ocean.

3. It promotes the development of sea fog in some areas.

Which of the above statements is/are correct?

- a) 1, 2
- b) 1, 3
- c) 2, 3
- d) All of the above

3-The formation of Ozone hole in the Antarctica region is because of

1. Absence of polar stratospheric clouds (PSCs)

2. Inflow of chlorofluorocarbons (CFCs)

Select the correct answer code:

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

4-Consider the following statements regarding Project Tiger.

1. Forest (Conservation) Act of 1980, reinforced Project Tiger.
2. Project Tiger was administered by the National Tiger Conservation Authority.
3. The project was launched in Ranthambore National Park.

Which of the above statements is/are correct?

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

5-Which among the following is the main constituents of Biogas?

- a) Methane and Hydrogen
- b) Methane and Hydrogen Sulfide
- c) Methane and Carbon Dioxide
- d) Methane and Nitrogen

6-Depending upon the source and composition of the coal being burned, the components of fly ash vary considerably. But all fly ash substantially includes which of the following compounds?

1. Silicon dioxide
2. Aluminium oxide
3. Cadmium
4. Mercury

Select the correct answer code:

- a) 1, 2, 3
- b) 1, 2
- c) 1, 3, 4
- d) 1, 2, 4

7- Consider the following statements.

1. The natural reservoir of phosphorus is rock.
2. Animals need large quantities of Phosphorus to make shells, bones and teeth.
3. Like carbon cycle, there is respiratory release of phosphorus into atmosphere.

Which of the above statements is/are correct?

- a) 1, 3

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

8- Consider the following statements regarding Ozone.

1. Ozone found in the lower troposphere acts as a shield absorbing ultraviolet radiation from the sun.
2. The thickness of the ozone in a column of air from the ground to the top of the atmosphere is measured in terms of Dobson units (DU).

Which of the above statements is/are correct?

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

9- Consider the following statements regarding the mechanisms to reduce emissions forms.

1. Electrostatic precipitator is used to remove over 90 per cent particulate matter present in the exhaust from a thermal power plant.
2. A scrubber can remove gases like oxides of sulfur.
3. Catalytic converters are used to convert unburnt hydrocarbons into carbon dioxide and water.

Which of the above statements is/are correct?

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

10- Fly ash can be used in which of the following ways

1. Stabilization of soft soils.
2. Fertilizers
3. Embankments and other structural fills

Select the correct answer code:

- a) 1, 2, 3

b) 2, 3

c) 1, 3

d) 1, 2

11- Consider the following statements regarding pillars of Ashoka.

1. These are monolithic.

2. These are highly polished.

3. The shafts of the pillars is tapering in shape.

Which of the above statements is/are correct?

a) 1 only

b) 1, 2

c) 1, 3

d) All of the above

12- The famous dialogue between, Nachiketa and Yama is mentioned in which of the following writings?

a) Chandogya Upanishad

b) Kathopanishad

c) Mundakopanishad

d) Kena Upanishad

13- Consider the following statements regarding Nagara style of temple architecture.

1. The garbhagriha is always located directly under the tallest tower.

2. There is no water tank in the temple premises.

Which of the above statements is/are correct?

a) 1 and 2

b) 1 only

c) 2 only

d) None

14- The work 'Mricchakatika' deals with

a) Story of Duryodhana during and after his fight with Bhima

- b) It is a political drama and narrates ascent of king Chandragupta Maurya to power in India
- c) Love affair of young brahmin Charudatta with a wealthy courtesan.
- d) Love story of Vikram and Urvashi

15- Consider the following statements regarding Dhrupad.

1. The nature of Dhrupad music is spiritual.
2. Dhrupad is the subtype of Khayal form of Hindustani classical music.
3. It lays emphasis on maintaining purity of the Raga.

Which of the above statements is/are correct?

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

16- Consider the following statements regarding Ambubachi Mela.

1. The Ambubachi Mela is held in Tamil Nadu, which is also one of the largest religious congregations of women.
2. Ambubachi Mela serves as an occasion to promote awareness on menstrual hygiene.

Which of the above statements is/are correct?

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

17- Consider the following statements regarding Bagh cave paintings.

1. The paintings of the Bagh caves are quite close to the Ellora caves in terms of their design, execution and decoration.
2. The cave has beautiful murals on the walls depicting Buddhist and Jataka tales.
3. The paintings depict religious themes in the light of contemporary lifestyle of people and are more secular in nature.

Which of the above statements is/are correct?

- a) 1, 2

b) 2 only

c) 2, 3

d) 1, 3

18- Consider the following statements regarding Ragamala Paintings.

1. Ragamala Paintings are a series of illustrative paintings depicting various Indian musical Ragas.

2. In these painting, each raga is personified by a colour describing the story of a hero and heroine in a particular mood.

Which of the above statements is/are incorrect?

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

19- he statue of Bhamala Buddha Parinirvana is located in

a) China

b) Thailand

c) Japan

d) Pakistan

20- Consider the following statements regarding Hampi.

1. Hampi was a part of the Mauryan Empire in the third century BC.

2. It has been described by UNESCO as an “austere, grandiose site”.

Which of the above statements is/are correct?

a) 1 and 2

b) None

c) 2 only

d) 1 only

21. Consider the following statements regarding the Ranthambhore Tiger Sanctuary:

1. It lies at the junction of Satpura and Vindhya ranges.

2. Kailadevi sanctuary is a part of Ranthambhore Tiger Sanctuary.

3. Chambal river and its tributary Banas drain the Ranthambhore National Park.

Which of the statements given above is/are correct?

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

22. Consider the following statements about the World Happiness Report 2021:

1. It ranks countries on the basis of GDP, social support and generosity.
2. Norway was the first country to emphasise the importance of national happiness over national income.
3. Finland has been ranked as the happiest country for consecutively four years.

Which of the statements given above is/are not correct?

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

23. Consider the following statements:

1. Open Market Operations (OMOs) is the buying and selling of bonds issued by the Government in the open market.
2. OMOs is the one of the qualitative tools used by RBI to minimise the impact of liquidity condition on the interest rate and inflation rate levels.

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:

1. Gram UJALA Programme is a scheme that offers cheap LED bulbs in rural areas.

2. The Gram Ujala Programme will be financed entirely through subsidy from the Ministry of Power.

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

25. With reference to United Nations Children’s Fund (UNICEF), consider the following statements:

1. It is devoted to aiding national efforts to improve the health, nutrition, education, and general welfare of children as well as Women.
2. It was awarded the Nobel Prize for Peace in 1965.

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

ANSWER SHEET

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