

1- Which of the following statements regarding 'Green Climate Fund' is/are correct?

1.It is intended to assist the developing countries in adaptation and mitigation practices to counter climate change.

2.It is founded under the aegis of UNEP, OECD, Asian Development Bank and World Bank.

Select the correct answer using the code given below.

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

2- Which one of the following is associated with the issue of control and phasing out of the use of ozone depleting substances?

(a) Bretton Woods Conference

**(b) Montreal Protocol**

(c) Kyoto Protocol

(d) Nagoya Protocol

3-With reference to the Indian Renewable Energy Development Agency Limited (IREDA), which of the following statements is/are correct?

1. It is a Public Limited Government Company.

2. It is a Non – Banking Financial Company.

Select the correct answer using the code given below.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2**
- (d) Neither 1 or 2

4- In India, in which one of the following types of forests is teak a dominant tree species?

- (a) Tropical moist deciduous forest**
- (b) Tropical rain forest
- (c) Tropical thorn scrub forest
- (d) Temperate forest with grasslands

5- With reference to an organization known as 'Birdlife International', which of the following statements is/ are correct?

- 1.It is a Global Partnership of Conservation Organizations.
- 2.The concept of 'biodiversity hotspots' originated from this organization.
- 3.It identifies the sites known/referred to as 'Important Bird and Biodiversity Areas'.

Select the correct answer using the code given below.

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

6-'Bio Carbon Fund Initiative for Sustainable Forest Landscapes' is managed by the

- (a)Asian Development Bank
- (b)International Monetary Fund
- (c)United Nations Environment Programme
- (d)World Bank**

7- Which of the following are some important pollutants released by steel industry in India?

- 1.Oxides of sulphur
- 2.Oxides of nitrogen
- 3.Carbon monoxide
- 4.Carbon dioxide

Select the correct answer using the code given below.

- (a) 1, 3 and 4 only
- (b) 1and 3 only
- (c) 1 and 4 only
- (d) 1, 2, 3 and 4**

8- In which of the following States is lion-tailed macaque found in its natural habitat?

- 1.Tamil Nadu
- 2.Kerala
- 3.Karnataka

4.Andhra Pradesh

Select the correct answer using the codes given below.

- (a) **1, 2 and 3 only**
- (b) 2 only
- (c) 1, 3 and 4 only
- (d) 1, 2, 3 and 4

9- 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

10- There is a concern over the increase in harmful algal blooms in the seawaters of India. What could be the causative factors for this phenomenon ?

- 1.Discharge of nutrients from the estuaries.
- 2.Run-off from the land during the monsoon.
- 3.Upwelling in the seas.

Select the correct answer from the codes given below:

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

11- Consider the following statement:

- 1.51 Pegasi was the first exoplanet discovered orbiting a sun like star.
- 2.Dark matter affects the shape of the galaxy and galaxy structures.

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

12- Consider the following statements:

1.Cosmic Microwave Background Radiation is an evidence of expanding universe.

2.The COBE satellite of European Space Agency confirmed CMBR

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

13- Water has been discovered for the first from which of the following exoplanets?

(a) K2 - 18a

(b) K1 - 18a

(c) **K2 - 18b**

(d) K3 - 18c

14- Consider the following statements about 5G technology

1.Its has fast data transmission because of high latency.

2.It can transfer data at speed of 50 gigabit/second.

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**

15- Which of the following are correct about 'Biosimilar'?

1.They are chemically derived drugs which used to treat human beings.

2.They can be manufactured by any company even when a patent exists for the innovator drug.

Select the correct answer using the code given below:

(a) 1 only

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

16- Consider the following statements.

1. Phages are viruses that kill bacteria.

2. Molecular scissors of bacteria are ineffective against foreign DNA that might host an antibiotic resistance gene.

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

17- Which of the following can be associated with Poly Metallic Nodules?

- 1. Manganese
- 2. Nickel
- 3. Cobalt
- 4. Copper
- 5. Iron

Select the correct answer using the code given below:

- (a) 1, 2 and 4 only
- (b) 2, 3, 4 and 5 only
- (c) 1, 3, 4 and 5 only
- (d) 1, 2, 3, 4 and 5**

18- With respect to HT BT Cotton, which of the following statements is/are correct?

- 1. It is also known as BG II
- 2. It helps to make the crop tolerant herbicide.
- 3. It has been approved by Genetic Engineering Appraisal committee

Which of the statement/s given above is/are correct?

- (a) 1 and 2 only

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

19- Consider the following

- 1) Photosynthesis
- 2) Respiration
- 3) Decay of organic matter
- 4) Volcanic action

Which of the above add carbon dioxide to the carbon cycle on earth ?

- a) 1 and 4 only
- b) 2 and 3 only
- c) 2,3 and 4 only**
- d) All of the above

20- Which one of the following types of waves are used in night vision apparatus ?

- a) Radio waves
- b) Microwaves
- c) Infrared waves**
- d) None of these

21- Pariyojana (PMBJP), consider the following statements:

1. It aims to extend the coverage of branded medicines to reduce the out of pocket expenditure on medicines.
2. The scheme was launched by the Ministry of Health and Family Welfare.

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**

22. Which of the following states come under India's core cold wave zone?

1. Punjab
2. Rajasthan
3. New Delhi

4. Kerala

Select the correct answer using the code given below:

- (a) 1, 3 and 4 only                      **(b) 1, 2 and 3 only**  
(c) 2, 3 and 4 only                      (d) 1, 2, 3 and 4

23. With reference to Central Vista Redevelopment Project, consider the following statements:

1. The project envisages construction of a new Parliament and Secretariat in Delhi.
2. It is proposed by the Union Ministry of Parliamentary Affairs.

Which of the above statements is/ are correct?

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

24. With reference to the National Monsoon Mission, consider the following statements:

1. It was launched to develop a dynamic monsoon prediction system.
2. It was launched by the Ministry of Earth Sciences in 2012.

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 Luhri Stage-I Hydro Electric Project, consider the following statements:

- 1-It is being constructed on the Ravi river.
2. It is being implemented on a Build-Own-OperateMaintain basis.

Which of the statements given above is/are correct?

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