



3. In a terrestrial ecosystem, the pyramid of energy is always inverted.

Which of the statements given above is/are correct?

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

Q.65) Which of the following are the possible consequence/s of high usage of nitrogen-Based fertilizers?

- 1. Loss of soil organisms.
- 2. Increased growth of non-native plants.
- 3. Shaken baby syndrome in human babies.

Select the correct answer using the code given below.

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

Q.66) Which of the following abiotic factors are responsible for regional variations in biodiversity?

- 1. Temperature
- 2. Water
- 3. Light

Select the correct answer using the code given below.

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

Q.67) Which of the following statements are incorrect with reference to the Kigali Amendment to the Montreal Protocol?

- 1. It aims to completely eliminate the use of hydrofluorocarbons (HFCs) by 2040.
- 2. The Agreement upholds the principle of Common but Differentiated Responsibilities and Respective Capabilities.
- 3. The Kigali Amendment to the Montreal Protocol came into force in 2010.

Select the correct answer using the code given below.

- a) 1 and 2 only
- b) 2 and 3 only

c) 1 and 3 only

d) 1, 2 and 3

Q.68) With reference to sources of energy in the biosphere, consider the following statements:

- 1. Of the incident solar radiation, more than 50 percent of it is photosynthetically active radiation (PAR).
- 2. Plants capture only 2-10% of the PAR to sustain all the food chains.

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

Q.69) It was established in 1936 as Hailey National Park in Nainital, Uttarakhand. It is India's oldest and most prestigious National Park. It is honoured as the place where Project Tiger was first launched in 1973.

According to the Botanical Survey of India, it has 600 species of plants comprising trees, shrubs, ferns, grass, climbers, herbs and bamboo. Its area covers more than 75% of the total dominated by Sal forests.

Which protected area has been mentioned in the above passage?

- a) Rajaji National Park.
- b) Gangotri National Park.
- c) Govind National Park.
- d) Corbett National park

Q.70) Consider the following statements:

- 1. Oxides of Sulphur are released during volcanic eruptions.
- 2. The levels of Sulphur Oxide is measured in major cities in India as a part of the National Air Quality Index.

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

Q.71) Consider the following statements with respect to Coastal Regulation Zone Notification, 2018:

- 1. It was issued under the provisions of the Water (Prevention and Control of Pollution) Act, 1974.