

Environment-UPSC Pre-2023

Q-Consider the following statements:

Statement-I:Marsupials are not naturally found in India.

Statement-II:Marsupials can thrive only in montane grasslands with no predators.

Which one of the following is correct in respect of the above statements?

- [a] Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- [b] Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- [c] Statement-I is correct Statement-II is incorrect
- [d] Statement-I incorrect but Statement-II is correct.

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Q-Consider the following fauna:

- 1.Lion-tailed Macaque
- 2.Malabar Civet
- 3.Sambar Deer.

How many of the above are generally nocturnal or most active after sunset?

- [a] Only one
- [b] Only two

[c] All three

[d] None

Q- Which of the following organisms perform waggle dance for others of their kin to indicate the direction and the distance to a source of their food

(a) Butterflies

(b) Dragonflies

(c) Honeybees

(d) Wasps

Q-Consider the following statements:

1. Some mushrooms have medicinal properties.

2. Some mushrooms have psycho- active properties.

3. Some mushrooms have insecticidal properties.

4. Some mushrooms have bioluminescent properties.

How many of the above statements are correct?

[a] Only one

[b] Only two

[c] Only three

[d] All four

Q- Consider the following statements regarding the Indian squirrels:

1. They build nests by making burrows in the ground.

2. They store their food materials like nuts and seeds in the ground.

3. They are omnivorous.

How many of the above statements are correct?

[a] Only one

[b] Only two

[c] All three

[d] None

Q-Consider the following statements:

1. Some microorganisms can grow in environments with temperature above the boiling point of water.
 2. Some microorganisms can grow in environments with temperature below the freezing point of water.
 3. Some microorganisms can grow in highly acidic environment with a pH below 3.
- How many of the above statements are Correct?

- [a] Only one
- [b] Only two
- [c] All three
- [d] None

Q- Which one of the following makes a tool with a stick to scrape insects from a hole in a tree or a log of wood?

- (a) Fishing cat
- (b) Orangutan
- (c) Otter
- (d) Sloth bear

Q-Consider the following:

1. Aerosols
2. Foam agents
3. Fire retardants
4. Lubricants

In the making of how many of the above are hydrofluorocarbons used?

- [a] Only one
- [b] Only two
- [c] Only three
- [d] All four

Q-Consider the following statements:

Statement-I: Carbon markets are likely to be one of the most widespread tools in the fight against climate change.

Statement-II: Carbon markets transfer resources from the private sector to the State. Which one of the following is correct in respect of the above statements?

[a] Both Statement I and Statement II are correct and Statement II is the correct explanation for Statement I

[b] Both Statement I and Statement II are correct and Statement II is not the correct explanation for Statement I

[c] Statement I is correct but Statement II is incorrect

[d] Statement I is incorrect but Statement II is correct.

Q- Consider the following statements regarding mercury pollution:

1. Gold mining activity is a source of mercury pollution in the world.

2. Coal-based thermal power plants cause mercury pollution.

3. There is no known safe level of exposure to mercury.

How many of the above statements are correct?

[a] Only one

[b] Only two

[c] All three

[d] None

Q- With reference to green hydrogen, consider the following statements:

1. It can be used directly as a fuel for internal combustion.

2. It can be blended with natural gas and used as fuel for heat or power generation.

3. It can be used in the hydrogen fuel cell to run vehicles.

How many of the above statements are correct?

[a] Only one

[b] Only two

[c] All three

[d] None

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