

34. With reference to the heavy metal pollution in rivers and lakes, consider the following statements:

1. Mercury salts are used in tanning of leather.
2. The nervous system is a vulnerable target of lead poisoning.
3. Cadmium and Titanium have well established biological functions and hence considered essential metals.

Which of the statements given above is/are correct?

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

35. Which of the following Schedule I species of the Wildlife Protection Act, 1972 are found in Ladakh?

1. Urial (Shapu)
2. Palla's Cat (Manul)
3. Argali (Nyan)
4. Slow Loris

Select the correct answer using the code given below:

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

36. It is a medicinal tree and its different parts are used to cure various clinical disorders. It is also known as 'flame of the forest' because of its flowers.

The tree is a host for the Lac insect which produces natural lacquer. The flowers of this tree do not open straight and even the unopened flowers are curved like a parrot's beak.'

Which of the tree species has been described above?

- (a) Gulmohar (*Delonix regia*)
- (b) Palash (*Butea monosperma*)
- (c) Silk Cotton tree (*Bombax ceiba*)
- (d) Neelmohar (*Jacaranda blue*)

37. With reference to the Lichens, consider the following statements:

1. It is a commensalism association between a fungus and algae or cyanobacteria.
2. They are used as bioindicators to detect Sulphur dioxide.
3. India's first lichen park has been developed in Uttarakhand.

Which of the statements given above is/are correct?

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

38. Consider the following statements:

1. Both birds and mammals are warm blooded creatures.
2. Some mammals lay eggs.
3. Turtles are amphibian species that can both swim in water and live on land.

Which of the statements given above is/are correct?

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