

NTSE

NCERT Solutions for Class 10 Science
BIOLOGY – Management of Natural Resources



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NCERT ANNEXURE

Here are subjective type questions and answers for reference:

1. What changes can you make in your habits to become more environment-friendly?

- Ans.**
1. We should switch off the electrical appliances when not in use.
 2. Water and food should not be wasted.
 3. Close the tap when not in use.
 4. Dump the objects made of plastic and glass in designated recycling boxes.
 5. Plastic, paper, or glass must be recycled or reused and not dumped with other wastes.
 6. We should dispose the wastes safely and not disperse in public places.

2. What would be the advantages of exploiting resources with short-term aims?

- Ans.** There should be a judicious use of natural resources as they are limited in nature. We should not exploit resources for our short term gains as this would only lead to depletion of natural resources for the present generation as well as generations to come. Hence, we can say that there are hardly any advantages of exploiting natural resources for short term gains. These are a few things that can be done to become more environment- friendly.

3. How would short term advantages differ from the advantages of using a long-term perspective in managing our resources?

- Ans.** Ensures uniform distribution among the people. It conserves the natural resources for many years and not just for a few years, as in the case of a short-term perspective in conserving natural resources.

4. Why do you think there should be equitable distribution of resources? What forces would be working against an equitable distribution of our resources?

- Ans.** Natural resources of the Earth must be distributed among the people uniformly so that each and every one gets his share of the resource. In the case of a long-time perspective in managing our resources, these resources will last for the generations to come. Human greed, corruption, and the lobby of the rich and powerful are the forces working against an equitable distribution of resources.

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5. Why should we conserve forests and wildlife?

Ans. We should conserve forests and wildlife to preserve the biodiversity (range of different life-forms) so as to avoid the loss of ecological stability. A large number of tribes are the habitants in and around the forests. If the forests are not conserved, then it may affect these habitants. Without proper management of forest and wildlife, the quality of soil, the water sources, and even the amount of rainfall may be affected. Without forest and wildlife, life would become impossible for human beings.

NCERT EXEMPLAR

Here are objective type questions and answers for reference:

1. From the list given below pick the item that is not a natural resource

- (a) Soil
- (b) Water
- (c) Electricity
- (d) Air

Ans: (C)

2. The most rapidly dwindling natural resource in the world is

- (a) Water
- (b) Forests
- (c) Wind
- (d) Sunlight

Ans: (B)

3. The most appropriate definition of a natural resource is that it is a substance/commodity that is

- (a) Present only on land
- (b) A gift of nature which is very useful to mankind
- (c) A man-made substance placed in nature
- (d) Available only in the forest

Ans: (B)

4. The main cause for abundant coliform bacteria in the river Ganga is

- (a) Disposal of unburnt corpses into water
- (b) Discharge of effluents from electroplating industries
- (c) Washing of clothes
- (d) Immersion of ashes

Ans: (A)

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STORY**

I still wonder how one man has such a deep understanding of an examination. It becomes the truth what ever Vipin Sir says about NTSE.

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5. The pH of water sample collected from a river was found to be acidic in the range of 3.5 – 4.5, on the banks of the river were several factories that were discharging effluents into the river. The effluents of which one of the following factories is the most likely cause for lowering the pH of river water?
- (a) Soap and detergent factory
 - (b) Lead battery manufacturing factory
 - (c) Plastic cup manufacturing factory
 - (d) Alcohol distillery

Ans: (B)

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