



# **BIOLOGY**

**BOOKS - VK GLOBAL PUBLICATION**

**BIOLOGY (HINGLISH)**

**MANAGEMENT OF NATURAL  
RESOURCES**

**Ncert Intext Questions**

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



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



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



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



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5. Why should we conserve forests and wildlife ?



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6. Suggest approaches towards the conservation of forests.



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7. Find out about the traditional systems of water harvesting / management in your region.



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8. Compare the above system with the probable systems in hilly / mountainous areas or plains or plateau regions.



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9. Find out the source of water in your region/locality . Is water from this source available to all people living in that area ?



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## Ncert Exercises

1. What changes would you suggest in your home in order to be environment frindly?



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2. Can you suggest some changes in your school which would make it environment friendly



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3. We saw in this chapter that there are four main stakeholders when it comes to forests and wildlife. Which among these should have the authority to decide the management of forest produce ? Why do you think so ?





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4. How can you say that an individual can contribute or make a difference to the management of

- (i) Forests and wildlife,
- (ii) Water resources , and
- (iii) Coal and petroleum ?



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5. What can you as an individual do to reduce your consumption of the various natural resources ?



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6. List five things you have done over the last one week to :

(i) conserve our natural resources.

(ii) Increase the pressure on our natural resources.





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7. On the basis of the issues raised in this chapter , what changes would you incorporate in your lifestyle in a move towards a sustainable use of our resources ?



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## Very Short Answer Questions

1. What are natural resources ?



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**2. Define biodiversity .**



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**3. Why maintaining a biodiversity is important  
?**



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4. List any two industries based on forest produce.



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5. A person lives near a forest . Make a list of four items which he can get from the forest to meet his daily needs.



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6. Name the award given in the memory of Amrita Devi Bishnoi.



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7. Name the prominent ecologist who is responsible for Chipko movement.



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8. Give one criticism about large dams.



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9. Name the industries which are based on forest products.



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10. What are biodiversity hotspots ?



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11. Give an example of a community for whom conservation of forest and wildlife has been a religious tenet .



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## Short Answer Questions I

1. What are natural resources ? State two factors that work against an equitable distribution of these resources.



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2. What is meant by three types of 'R' (3-R's) to save the environment ? Explain with examples how would you follow the 3- R' s in your school to save the environment.



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3. prepare a list of five items that you use daily in the school. Identify from the list such items that can be recycled.





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4. "the prejudice against the traditional use of forest areas have no basis".explain.



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5. what legislative measures are taken in india to to conserve wildlife?



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6. mention two ways in which water harvesting can be undertaken.



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7. What is the impact of excessive irrigation and intensification of agriculture ?



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**8.** What measures would you take to conserve electricity in your house ?



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**9.** What is Narmada Bachao Andolan ?



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**10.** (a) Why do we need to manage our resources carefully ?

(b) Why management of natural resources requires a long term perspective ?



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11. Name any two endangered plant and animal species .



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12. Name the river which the following dams are associated .

(i) Tehri dam (ii) Sardar Sarovar dam.



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**13.** Although coal and petroleum are produced by degradation of biomass, yet we need conserve them. Why?



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**14.** List two problems that may arise by planting trees of single variety over vast

tracts of a forest.



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**15.** What is water harvesting ? How can this technique help in the conservation of water ?



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**16.** List two advantages associated with water harvesting at the community level.



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**17.** List any two advantages associated with water stored in the ground.



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**18.** What is meant by sustainable management "? Why is reuse considered better than recycling ?



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## Short Answer Questions li

1. Distinguish between renewable and non renewable sources of energy.



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2. Choose the renewable sources of energy from the following list : Coal , biogas , sun natural gas



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3. Why are forests considered biodiversity hot spots '? List two ways in which an individual can contribute effectively to the management of forests and wildlife.



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4. List measures that can be taken to conserve forests .



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5. Why is replenishment of forest necessary ?

State four reasons.



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6. Every one of us can do something to reduce our personal consumption of various natural resources. List four such activities based on 3 - R approach .



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7. Explain giving example where active involvement of local people lead to efficient management of forest.



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8. What are the cause of pollution of river Ganga ?



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9. List two main causes of the pollution of water of the river Ganga . State how pollution and contamination of river water prove harmful for the health of the people of neighbouring areas.



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10. Why must we conserve our forests ? List any two causes for deforestation taking place.



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**11.** List any four measures for conserving forests.



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**12.** Explain the role of forests in conserving the environment . How do the forests get depleted ? What are its consequences ?



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13. Suggest a few measures for controlling carbon dioxide levels in the atmosphere.

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14. Locate and name the water reservoirs in Figure (a) and (b).

(b) Which has an advantage over the other and why?

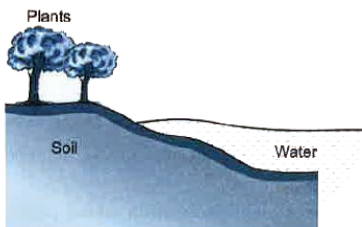


Fig. (a)

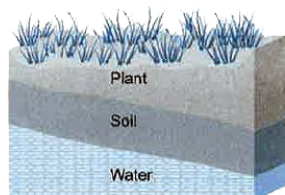


Fig. (b)

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**15.** List four stakeholders which may be helpful in the conservation of forests.



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**16.** List any four changes you would like to incorporate in your lifestyle in a move towards a sustainable use of available resources in our country .



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17. In a village in Karnataka , people started cultivating crops all around a lake which was always filled with water . They added fertilisers to their field in order to enhance the yield . Soon they discovered that the water body was completely covered with green floating plants and fishes started dying in large numbers. Analyse the situation and give reasons for excessive growth of plants and death of fish in the lake.



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18. We often observe domestic waste decomposing in the bylanes of our home . List four ways to make the residents aware that the improper disposal of wastes is harmful to the environment and make the residents aware that the improper disposal of wastes is harmful to the environment and also for their own health.



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**19.** Why is sustainable management of natural resources necessary ? Out of the two - reuse and recycle - which , in your opinion , is better to practise ? Give reason.



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**20.** List any four advantages of water harvesting.



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21. What was Chipko Andolan "? How did this Andolan ultimately benefit the local people and the environment ?



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## Long Answer Questions

1. Prepare a list of five activities that you perform daily in which natural resources can

be conserved or energy utilisation can be minimised.



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2. What is the importance of forest as a resource ?



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3. Suggest a few useful ways of utilising waste water .



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4. Explain some harmful effects of agricultural practices on the environment.



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## Hots Higher Order Thinking Skills

1. What is the slogan of chipko movement ?



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2. List any four changes you would like to incorporate in your lifestyle in a move towards a sustainable use of available resources in our country .



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3. Prejudice against traditional use of forest areas has no basis. Explain giving an example



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4. Why are local need and local knowledge of forest dwellers important for maintaining forests ?



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5. Is water conservation necessary ? Given reasons .



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6. Why are the arabari forests of bengal known to be good example of converted forests ?



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7. "reuse is better than recycling of materials". Given reasons to justify this statements .



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