

BIOLOGY

BOOKS - OSWAAL BIOLOGY (KANNADA ENGLISH)

SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES

Topic 1 Natural Resources Sustainable Development And Biodiversity Multiple Choice Questions

- 1. The concept of sustainable development encourages :
 - A. form of growth that meet current basic needs
 - B. preservation of the resources of the need of future generation
 - C. a change in all respects of life
 - D. growth to meet current needs, preservation for the needs of future and change in all respects of life.

Answer: D



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- 2. When we consider the conservation of forests, we need to look at:
 - A. people who are humanists and conscious about human rights
 - B. industrialists who use the various forest
 - C. the people who live in or around forests
 - D. the forest department of the Government, the industrialists and the people who live in or around forests.

Answer: D



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Topic 1 Natural Resources Sustainable Development And Biodiversity Match
The Column

- 1. Match the Column
- 1. Green house gas (a) Revised the degraded Sal forests
- 2. Natural Andolan (b) SO_2
- 3. Chipko Andolan (c) Prevented felling of trees in Garwal
- 4. West Bengal forest department (d) Forest wild life

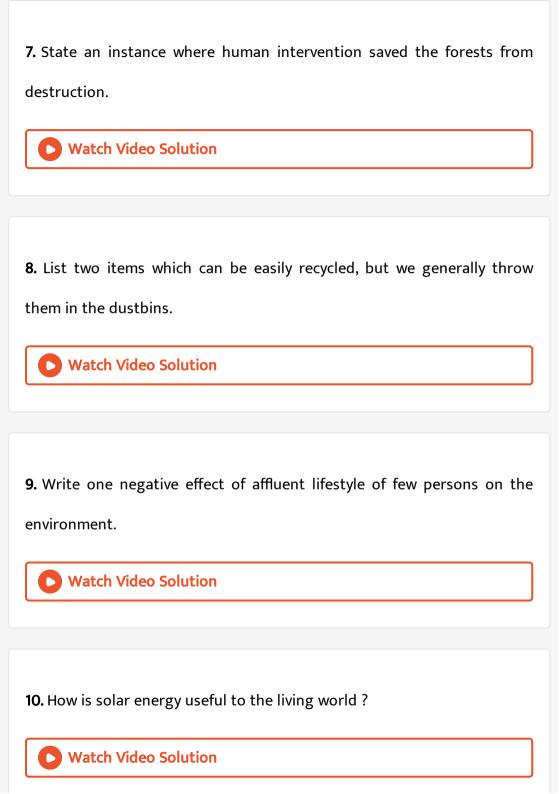


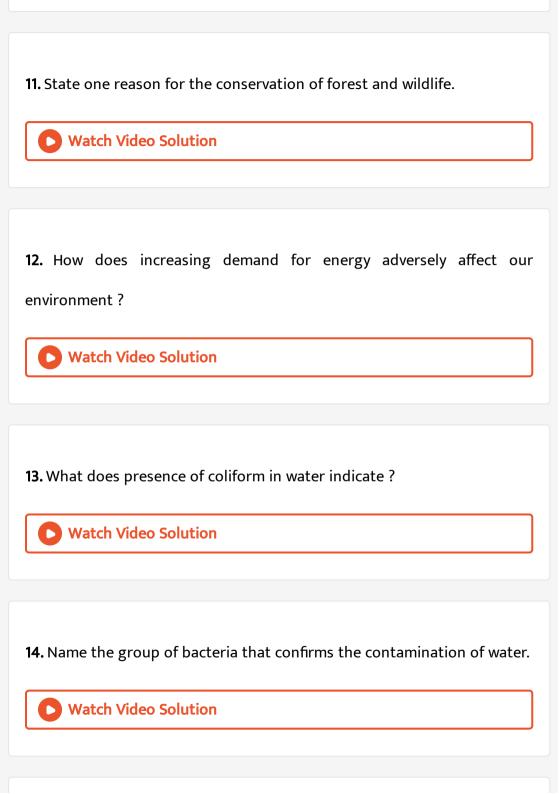
Topic 1 Natural Resources Sustainable Development And Biodiversity Very Short Answer Type Questions

- **1.** What are the two kinds of natural resources ?
 - Watch Video Solution

- **2.** Name any two forest products, each of which is the basis for some industry.
 - Watch Video Solution

3. Name the tree for which Amrita Devi Bishnoi and others sacrificed their
lives.
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4. State the places that are referred as 'biodiversity hotspots'.
Watch Video Solution
5. Name the dam on the river Narmada, whose height Government wanted to raise ?
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6. Give one example each from your daily life where the domestic waste
can be effectively reused and recycled.
Watch Video Solution





15. "We need to unanage our resources". List two reasons to justify this statement.

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Topic 1 Natural Resources Sustainable Development And Biodiversity Short Answer Type Questions I

1. What is sustainable development? State its two main objectives.



2. What is meant by "Sustainable management" ? Why is reuse considered better than recycling ?



3. List two advantages of conserving forests and wildlife.

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



5. Why is sustainable management of natural resources necessary? Out of the two methods reuse and recycle which one would you suggest to practice and why?



6. Write two advantages of sustainable management of natural resources.

Cut of the two-reuse and recycle-which is better and why?



7. (i) What is Chipko movement ?
(ii) Why should we conserve forests ?
Watch Video Solution
Water video solution
8. Why do we need alternative sources of energy? Give two reasons.
G. Willy do we need diterilative sources of energy. dive two reasons.
Watch Video Solution
9. What is the role of wildlife and nature enthusiasts as stakeholders with
wife was to form the 2
reference to forests ?
Watch Video Solution
10. List four stakeholders of forests.
Watch Video Solution
Watch Video Solution

11. List four stakeholders which may be helpful in the conservation of forests. **Watch Video Solution** 12. Which natural resource are the 'biodiversity hot spots'? Suggest what happens when there is a loss of biodiversity? **Watch Video Solution** 13. How did 'Chipko Andolan' ultimately benefit the local people? Explain briefly. Watch Video Solution **14.** Forests are "biodiversity hot spots." Justify this statement. **Watch Video Solution**

15. 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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16. What damage is caused to forests by the following:

- (i) Building rest houses for tourist in national parks.
- (ii) Grazing domestic animals in national parks.



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17. List four measures that can be taken to conserve forests.



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



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



20. "Reuse is better than recycling of materials". Give reason to justify this statement.



21. Mention the steps taken by the West Bengal Government to protect the badly degraded sal forests.



22. List four disadvantages of burning fossil fuels.



23. (i) Why do we need to manage our resources carefully?

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



24. List four causes of damage to forests.



25. "Industrialisation has adversely deteriorated the environment." Give four reasons in support of this statement.



26. List two problems that may arise by planting trees of single variety over vast tracts of a forest.



27. Why do we need to use our resources carefully?



Topic 1 Natural Resources Sustainable Development And Biodiversity Short Answer Type Questions Ii

1. Why must we conserve our forests? List any two causes for							
deforestation to take place.							
Watch Video Solution							
2. How does recycling of waste materials help in ecological balance ?							
Watch Video Solution							
3. What changes can you make in your habits to becme more environment friendly							
Watch Video Solution							
4. Suggest three ways to maintain a balance between environment and development to survive.							
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Topic 1 Natural Resources Sustainable Development And Biodiversity Long **Answer Type Questions li**

1. Write any four ways in which the locals and tribal are dependent on the forest?



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- 2. (i) Why is reusing even better than recycling? List any two reasons.
- (ii) Give any three examples of human activities leading to destruction of forests.



Watch Video Solution

- 3. (i) By 1983, what was the value of the previously worthless sal forests in the Arabari forest range of Midnapore district?
- (ii) Name the way to capture the rain water when it rains, store that water

above ground or charge the underground and use it latter. (iii) Write any two negative effects caused by deforestation. **Watch Video Solution**

Topic 2 Water Conservation And Fossil Fuels Multiple Choice Questions

- 1. Use of detergents is hazardous to the aquatic life because, they
 - A. reduce the amount of dissolved oxygen content in water
 - B. increase the temperature of water body
 - C. are made from vegetable oils
 - D. contain heavy metals.

Answer: a



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2. The multi-crore project about the Gange Action plan came in : A. 1905 B. 1955 C. 1985 D. 1995 Answer: c **Watch Video Solution** Topic 2 Water Conservation And Fossil Fuels Match The Column 1. Match the Column 1. Coliform (a) Aharas (b) Khadins 2. Maharashtra 3. Rajasthan (c) Group of bacteria

(d) Bandharas

Watch Video Solution

4. Bihar



- **1.** Define non-renewable sources of energy.
 - Watch Video Solution

- 2. What is Coliform?
 - Watch Video Solution

- - Watch Video Solution

4. Name two indigenous water saving methods.

3. How does mining cause environmental pollution?

Watch Video Colution

Watch video Solution					
5. Water is a valuable resource. List two ways, that you would suggest every family member to save this resource.					
Watch Video Solution					
6. List two measures that you would suggest for the better management of water resources.					
Watch Video Solution					
7. List two causes of pollution of river Ganga.					
Watch Video Solution					
8. Mention one reason of discontentment among the people who have been displaced by building dams.					

Watch Video Solution
9. List two measures that you would suggest for the better management
of water resources.
Watch Video Solution
10. State two changes that you can make in your habits to reduce the consumption of electricity or water.
Watch Video Solution
11. What measures would you take to conserve electricity in your house?
Watch Video Solution
12. List any two traditional system of water harvesting

Watch Video Solution
13. Give two uses of coal.
Watch Video Solution
Topic 2 Water Conservation And Fossil Fuels Short Answer Type Questions I

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



2. What is watershed management system? List two benefits derived by the communities that participate in this system.



3. List four advantages of properly managed watershed management. Watch Video Solution 4. State the main purpose of water harvesting system and also mention the source which fills the pond behind harvesting structures. **Watch Video Solution** 5. List and explain any two advantages associated with water harvesting at community level. **Watch Video Solution 6.** List two advantages associated with harvesting at the community level. "Management of natural resources requires a long- term perspective." Comment on the statement.

7. List four advantages of water stored in the ground. **Watch Video Solution** 8. List four advantages of water stored in the ground. **Watch Video Solution** 9. "Affluent life style has a negative effect on the environment". Justify this statement with the help of an example. **Watch Video Solution** 10. Why do we seek construction of dams? Mention any two problems faced with the construction of large dams? **Watch Video Solution**

11. The construction of large dams leads to social and environment problems. List two problems of each category.



12. Building of big dams gives rise to some problems. List three main problems that may arise. Suggest a solution to any one of these problems.



13. "Narmada Bachao Andolan" raised issues of how construction of big dams creates environmental problems. Mention such issues.



14. List three problems which arise due to construction of big dams. Suggest a solution of these problems.



15. "Burning fossil fuels is a cause of global warming."



16. Burning of fossil fuel is causing great environmental concern. Mention the consequences of combustion of fossil fuels.



Topic 2 Water Conservation And Fossil Fuels Short Answer Type Questions Ii

- 1. (i) Name any two fossil fuels. Why are they so-called?
- (ii) Mention the role of forests in conserving the environment. How do the forest get depleted ?



- 2. (i) Name four main components of coal and petroleum.
- (ii) List the benefits which Chipko movement brought to local population.



- **3.** Name any two ancient water harvesting structures for each of the following states :
- (i) Rajasthan,
- (ii) Maharashtra,
- (iii) Bihar



4. Write the advantages of watershed management.

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5. (i) Although coal and petroleum are produced by degradation of biomass, yet we need to conserve them. Why?

biomass, yet we need to conserve them. Why?

(ii) List any two causes for the failure of sustained availability of ground water.



Topic 2 Water Conservation And Fossil Fuels Long Answer Type Questions

- 1. Define the following terms :
- (i) Coliform,
- (ii) Sustainable development,
- (iii) Chipko Andolan,
- (iv) Watershed management.



- 2. (i) What are fossil fuels? Give two examples.
- (ii) Diagrammatically represent the Khadin System of Water harvesting.



3. Eco-club of your school is organising a debate on the topic 'Nature's

Fury Unleashed by Human's Greed (Uttarakhand Disaster).

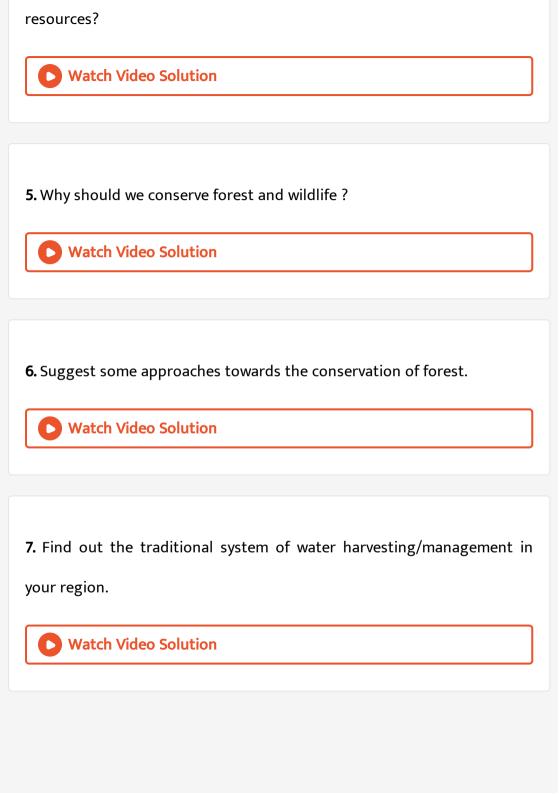
List any four arguments that you will use convince the audience that

humans are responsible for this disaster.



Ncert Corners Intext Questions

1. What changes can you make in your habits to becme more environment friendly **Watch Video Solution** 2. What would be the advantages of exploiting resources with short-term aims? **Watch Video Solution** 3. What would these advantages differ from the advantages of using a long-term perspective in managing our resources? **Watch Video Solution 4.** Why do you think there should be equitable distribution of resources? What force would be working against an equitable distribution of



8.	Compare	the	above	system	with	the	probable	system	in
hilly/mountains areas or plains or plateau regions.									
View Text Solution									

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



Ncert Corners Textbook Exercises

1. What changes would you suggest in your home in environment-friendly
?



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



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?



4. How can you as an individual contribute or make a different to the management of a) Forests and wildlife b) Water resources and c) Coal and petroleum



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



- 6. List five things you have done over the last one week to
- (a) conserve our natural resources.
- (b) increase the pressure on our natural resources.



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

