



# CHEMISTRY

**BOOKS - BHARATI BHAWAN**

**CHEMISTRY (HINGLISH)**

**CONSERVATION AND MANAGEMENT  
OF NATURAL RESOURCES**

**Pick The Correct Option**

1. Which of the following is a renewable natural resource ?

A. Coal

B. petroleum

C. Air

D. Natural gas

**Answer: C**



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2. Harmful materials added to the environment are called

A. dust

B. waste

C. sewage

D. pollutants

**Answer: D**



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3. The use of natural resources should be

A. profitable

B. equitable

C. heavy

D. prohibited

**Answer: B**



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4. Switching off lights and fans when not in use can save

A. wind energy

B. electricity

C. heat energy

D. none of these

**Answer: B**



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5. Fly ash obtained from the burning of coal is used to make

A. lamp black

B. coke

C. bricks

D. hard stone

**Answer: C**



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6. Coal and petroleum are

A. nuclear fuels

B. fossil fuels

C. spent fuels

D. renewable fuels

**Answer: B**



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7. The construction of big dams leads

A. droughts

B. poverty

C. canal networks

D. forestation

**Answer: C**



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8. The main aim of chipko movement was to conserve

A. soil

B. trees

C. water

D. electricity

**Answer: B**



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9. Which of the following can be utilized to produce electricity ?

A. wood

B. soil

C. wind

D. stone

**Answer: C**



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10. Bishnoi Movement ' was fought under the leadership of

- A. Medha patekar
- B. Ganga Ram Bishnoi
- C. Amrita Devi Bishnoi
- D. Maharaja Abhay singh

**Answer: C**



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11. The exhausted forest cover can be regained by

- A. checking floods
- B. preventing their use
- C. planting more trees
- D. cutting trees

**Answer: C**



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12. The main objective of biosphere reserves is to

A. remove air pollution

B. save plant life

C. conserve biological diversity

D. make soil fertile

**Answer: C**



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**13.** A dam is built with a view to

A. make water available for drinking

B. increase sardine catch

C. check overflow of rainwater

D.

**Answer: C**



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**14.** Collecting rainwater is called

A. water treatment

B. harvesting of water

C. replenishment of groundwater

D. none of the above

**Answer: B**



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**15. Bharat stage II is related to**

A. soil pollution

B. air pollution

C. water pollution

D. none of these

**Answer: B**



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## Fill In The Blanks

1. Air and water are \_\_\_\_\_ natural resources.



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2. Coal and petroleum are \_\_\_\_\_ natural resources.



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3. Fly ash can be used to make \_\_\_\_\_



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4. Natural resources should be used \_\_\_\_\_



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5. The amount of rainfall is not \_\_\_\_\_ throughout India.



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6. The substances that cause pollution are called \_\_\_\_\_.



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7. A dam is constructed to prevent \_\_\_\_\_ in rivers.



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8. The creation of a reservoir behind the dam submerges a vast area of \_\_\_\_\_ and \_\_\_\_\_



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9. The chipko Movement resists \_\_\_\_\_





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10. The amount of rainwater that can be collected for use is called \_\_\_\_\_



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11. Water \_\_\_\_\_ means collecting rainwater.



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12. \_\_\_\_\_ are dug in the hills to collect water in Kerala.



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13. Full form of IUCN :-



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14. Solar energy is used in homes and offices for \_\_\_\_ purposes.



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15. The overuse of resources is one major cause of their \_\_\_\_\_



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16. \_\_\_\_\_ of resources leads to competition.



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**17.** The Chipko Movement was started in the year \_\_\_\_ in Alakananda valley.



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**18.** The substances that cause pollution are called \_\_\_\_ \



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19. Environment has two components \_\_\_\_ and \_\_\_\_



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## Mark The Statement True Or False

1. Petroleum is a renewable natural resource.



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2. Waste metal items can be recycled back to make useful things.



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3. One way of conserving and managing is natural resource is to use it equitably.



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4. Forest and wildlife are nonrenewable natural resources.



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5. The IUCN Red List for Threatened Species is published by UNESCO.



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6. Overuse of forest resource leads to its replenishment.



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7. The construction of a dam disturbs the natural balance between the river valley and the animal population .



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8. Rainwater is a precious natural resource.



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9. Ground water gets replenished by rainfall.



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## Very Short Answer Questions

1. Name any inexhaustible natural resource.



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2. Name any two nonrenewable natural resources.



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3. Can you call air a natural resource ?



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4. What is a pollutant ?



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5. What is the meaning of the term 'conservation' ?



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6. Give one advantage of the recycling of waste materials.



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7. What is dam ? Why do we need to build large dams ? While building large dams, which three main problems should particularly be addressed to maintain peace among local people ? Mention them .



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**8.** An example of a renewable source of energy is :



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**9.** What type of energy is produced from the splitting of heavy nuclei ?



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**10.** Name any two chief sources of energy in India.



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**11.** What can you do to conserve coal and petroleum ?



**Watch Video Solution**

**12.** Give one advantage that you obtain from the forest resource.



**Watch Video Solution**

**13.** What is the full form of IUCN ?



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**14.** Name two national parks in India.



**Watch Video Solution**

**15.** The main objective of biosphere reserves is to



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**16.** What is regional environment ?



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**17.** What is Chipko Movement ?



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## 18. WATER HARVESTING



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## 19. What is water harvesting potential ?



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[Short Answer Questions](#)

1. What are natural resources ? Given examples ?



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2. How is conservation of natural resources promoted by reducing their uses ?



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**3.** What is a sustainable natural resource management ?



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**4.** What do you mean by recycling of waste materials ?



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5. What do you mean by emission standard used in automobiles ?



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6. Suggest some ways to make your city/village pollution-free.



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7. Why are coal and petroleum considered to be nonrenewable natural resources ?



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8. Suggest some ways to conserve coal and petroleum.



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**9.** How is forest and wildlife advantageous to us ?



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**10.** Suggest some ways to protect forest and wildlife in India.



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**11.** The main objective of biosphere reserves is to

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**12.** What are the main advantages of a dam.

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**13.** Mention any two ill-effects of dam.

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**14.** Write a short note on 'Chipko Andolan' (Hug the Trees Movement).



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**15.** What is water harvesting potential ?



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**16.** Describe a technique to harvest rainwater.



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## Long Answer Questions

1. What are renewable and non-renewable resource ? Give one example of each.



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2. What do you understand by management and conservation of natural resources ?



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3. What is " Sustainable management of natural Resources " ? What is it necessary ?  
Which one out of resue and reycle, would you practise in your daily life and why ?



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4. What do you mean by recycling of waste materials ?



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5. Suggest some ways to control environmental pollution.



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6. Write a short note on watershed management.



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7. Describe in a brief the rainfall pattern in India.



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8. How forest and wildlife benefit us ?



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9. Why should we conserve forests and wildlife?



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**10.** What are the main objectives of building dams ?



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**11.** How does a dam create more problems than it solves ?



**Watch Video Solution**



**12. What is Chipko Movement ?**



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**13. What do you expect to achieve from the harvesting of rainwater ?**



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**14. RAINWATER HARVESTING**



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15. What legal steps has the Government of India taken for the consevation and management of natural resources ?



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Yes Or No

1. Is water pollution caused by the careless disposal of sewage ?



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2. Is the overuse of coal a major cause of its depletion ?



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3. Does conservation mean to protect something harmful to human population ?



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4. Are flora and fauna renewable natural resources ?



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5. Does the quality of water stored in a reservoir remain unchanged ?



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6. Does water harvesting provide water for domestic uses ?



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7. What are saturated and unsaturated hydrocarbons ?



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**True T Or False F**

1. Coal , petrol and Kersoene are fossil fuels.



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2. Forests cannot protect wildlife from the ill-effects of solar radiation.



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3. Animal faeces is used as a manure.



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4. IUCN is an international agency to protect threatened animals and plants.



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5. Dams are built to run thermal power plants.



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6. What is source of following carboxylic acid :-

(a) Acetic acid

(b) Tartaric acid

(c) citric acid

(d) Methanoic acid



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7. Which carboxylic acid is present in the following :-

(a) Tamarind



(b) Nettle sting

(c) Curd

(d) Tomato



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**8.** The use of nonbiodegradable substances should be avoided.



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9. The energy of the flowing water cannot be used to produce electricity.



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MCQ

1. Which of the following statement(s) is (are) correct about the renewable natural resource ?

A. It gets exhausted soon.

B. It is inexhaustible

C. It reappears at the rate it is used

D. It cannot be replenished within a short period.

**Answer: B::C**



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**2. The renewable natural resources are**

A. coal

B. air

C. petroleum

D. water

**Answer: B::D**



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**3. Plants lose water by a process known as**

A. Photosynthesis

B. respiration

C. transpiration

D. afforestation

**Answer: C**



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**4.** What happens when metal oxide reacts with acid ?



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## 5. NARMADA BACHAO ANDOLAN

A. Ravi Shankar Maharaj

B. Amrita Devi Bishnoi

C. Medha Patekar

D. baba ram Deo

**Answer: C**



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6. Which of the following is a noncoventional source of energy ?

A. Coal

B. Petrol

C. Diesel

D. Wind energy

**Answer: D**



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7. Coal , and petroleum are

A. fossil fuels

B. nuclear fuels

C. biogases

D. renewable fuels

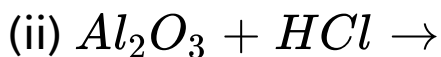
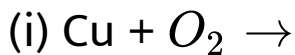
**Answer: A**



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8. Complete the following reaction :-



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9. A hydrogen fuel cell uses hydrogen and

A. nitrogen

B. oxygen

C. carbon

D. sulphur

**Answer: B**



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**Very Short Answer**

**1. name two conventional sources of energy.**



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2. The underground water is being overused.

How can it be replenished ?



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3. Which of the gases present in air is most

effective in causing greenhouse effect ?



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4. Give two examples of nonbiodegradable substances.



**Watch Video Solution**

5. Mention one advantage of recycling of waste materials .



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6. What can you do to conserve coal and petroleum ?



**Watch Video Solution**

7. Name two nonconventional sources of energy ?



**Watch Video Solution**

8. Name two national parks in India.



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## 9. Nonconventional Sources of Energy



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## 10. What is fly ash ?



**Watch Video Solution**

**11.** How can plants and trees be used to obtain a number of chemicals ?



**Watch Video Solution**

**12.** What is the drip-irrigation system used in Meghalaya ?



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**13.** Which principal is used to obtain energy from the oceans ?



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**14.** Give some applications of solar energy .



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**Short Answer Questions**



1. Why should we conserve forests and wildlife?



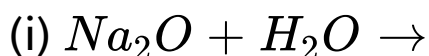
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2. CONSERVATION OF FOREST



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3. Complete the following reaction :-





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4. How can you as an individual contribute or make a difference to the management of (a) forests and wildlife, (b) water resources and (c) coal and petroleum?



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## 5. CONSERVATION OF FOREST AND WILDLIFE IN INDIA



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



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7. What do you mean by recycling of waste materials ?



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8. What is " Sustainable management of natural Resources " ? What is it necessary ?  
Which one out of resue and recycle, would you practise in your daily life and why ?



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9. What are the main advantages of a dam.



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10. OCEAN THERMAL ENERGY



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[Long Answer Questions](#)

1. What do you understand by the conservations and management of wildlife ?



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2. Describe two techniques to harvest rainwater.



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3. What is energy crisis ? Suggest some ways to solve it .



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4. Describe a fuel cell with a neat diagram.



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5. Describe the different rainfall zones of India.



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