

CHEMISTRY

NCERT - NCERT Chemistry(Telugu)

COAL AND PETROLEUM

Improve Your Learning Reflection On Concepts

1. Draw the diagram of uses of coal and its products (AS_5)



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2. Explain why petroleum is also called as liquid gold.



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3. Name the petrochemical products which are used in agriculture
industry.
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4. Explain the process of formation of petrol.
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5. Why should people look for alternative sources of fossil fuel?
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Improve Your Learning Application Of Concepts
1. Name the petroleum products used for roads surfacing.
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2. What will happen if fossil fuels like coal and petroleum are completely exhausted?

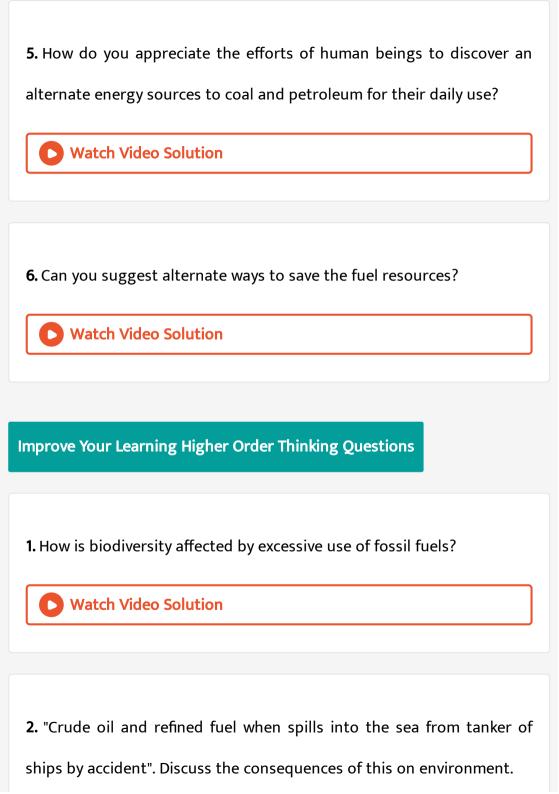


3. Collect information about places where we get coal, petroleum and natural gas in India and mark the places on outline map of India. (AS_5)



4. Assume that you are a driver, what measures do you take to save petrol and diesel?





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Multiple Choice Questions

A. Natural gas

B. coal gas

C. Kerosene

D. Petrol

Answer:



2. The main constituent of coal is

A. Carbon B. Oxygen C. Air D. Water **Answer:** Watch Video Solution 3. Which one of the following materials is used for making shoe polish? A. Paraffinwax B. Petrol C. Diesel D. Lubricating oil **Answer:** Watch Video Solution

Water video solution
4. Which of the following is not a fossil fuel
A. Coal
B. Petroleum
C. Charcoal
D. Natural gas
Answer:
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5. Which of the following is known as liquid gold ?
A. Kerosene
B. Diesel
C. Petroleum

D. Paraffinwax
Answer:
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Improve Your Learning
1. Complete the given analogy
Coal :Exhaustible:::Inexhaustible
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2. Complete the given analogy
Coal tar:::Coke: Manufacture of steel
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3. Complete the given analogy (AS_1)
Petrochemical : Plastic :: CNG :
A. polythene
B. cotton
C. jute
D. other
Answer:
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4. Complete the given analogy
Carbon Dioxide:Global warming:::Nausea
Watch Video Solution

E Match the following (AC)		
i. natural resource $ii.$ coal $iii.$ Petro Chemical product iv natural gas $v.$ Petroleum	[] [] []	 a. carbonization b. Plastic chair c. Krishna and godavari delta d. Plankton e. Water
Watch Video Solution		
6. Which one of the following is le	ess pol	luting fuel?
A. Natural gas		
B. coal		
C. kerosene		

Answer:

D. petrol



7. The main constituent of coal is
A. Carbon.
B. oxygen
C. air
D. water
Answer:
Watch Video Solution
8. Which one of the following materials is used for making shoe polish?
A. Paraffin wax
B. petrol.
C. diesel
D. lubricating oil

Answer: Watch Video Solution 9. Was used in manufacture of steel? **Watch Video Solution** 10. Fill in the blanks. The biproduct of coal used in synthetic dyes and paints is.... Watch Video Solution 11. Fill in the blanks. Coal was formed in areas where large amounts of......was buried under the earth. **Watch Video Solution**

12. Fill in the blanks.

......gas which causes climate change and global warming.



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13. Why should people look for alternative sources of fossil fuel?



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14. Harshith said to his father, "Daddy we can save more fuel by using bicycle instead of bike for going to nearby places". How do you appreciate Harshith's comment?



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15. Draw a flow chart showing Exhaustible and Inexhaustible resources and their uses.



16. Assume that you are a driver, what measures do you take to save petrol and diesel?



17. "Crude oil and refined fuel when spills into the sea from tanker of ships by accident". Discuss the consequences of this on environment.



18. Compare a CNG run vehicle with that of a diesel run vehicle. What difference do you notice in both cases with respect to pollutants

released, level of pollution and cost of fuel.



19. Choose five families of your neighbourhood, collect the information about the measures that they adopt to conserve energy resources in transport and cooking. Make a report on your observation.



20. Collect information about places where we get coal, petroleum and natural gas in India and mark the places on outline map of India. (AS_5)



21. The following table shows the total power shortage percentage in India from 1991-1997. Show the data in the form of a Bar graph taking

shortage percentage for the years on the Y-axi and the years on X-axis.

Vo.	Year	
1.	1991	7.9
2. , .	1992	7.8
3.	1993	8.3
4.	1994	7.4
5.	1995	7.1
6.	1996	9.2
7.	1997	11.5



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22. The following table shows the total power shortage percentage in India from 1991-1997. Show the data in the form of a Bar graph taking shortage percentage for the years on the Y-axi and the years on X-axis.

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23. "The use of CNG and LPG as fuels for automobiles helps us to
minimize air pollution and maintains ecological balance." Do you agree
with this statement ? If yes, explain.
with this statement: If yes, explain.
• William Chris
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24. Name the petroleum products used for roads surfacing.
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25. Explain the process of formation of petrol.
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26. How do you appreciate the efforts of human beings to discover an alternate energy sources to coal and petroleum for their daily use?



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