



CHEMISTRY

BOOKS - MBD

COAL AND PETROLEUM

Example

1. What are the advantages of using CNG and LPG as fuels?



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2. Name the petroleum product used for surfacing of roads.



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3. Describe how coal is formed from dead vegetation . What is this process called?



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4. Fill in the blanks. Fossil fuels are..... ,
..... And



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5. Fill in the blanks. Process of separation of
different constituents from petroleum is
called.....



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6. Fill in the blanks. Least polluting fuel for vehicle is



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7. Tick True/False against the following statements.

Fossil fuels can be made in the laboratory.

(T/F)



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8. Tick True/False against the following statements .

CNG is more polluting fuel than petrol. (T/F)

(T/F)



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9. Tick True/False against the following statements.

Coke is almost pure form of carbon. (T/F)



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10. Tick True/False against the following statements.

Coal tar is a mixture of various substances.

(T/F)



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11. Tick True/False against the following statements.

Kerosene is not a fossil fuel. (T/F)



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12. Explain why fossil fuels are exhaustible natural resources.



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13. Describe characteristics and uses of coke.



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14. Explain the process of formation of petroleum.



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15. The following table shows the total power shortage in India from 1991-1997. show the data in form of a graph. Plot shortage percentagr for the years on the Y-axis and the year on X-

axis.

S. No.	Year	Shortage (%)
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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16. Gurmeet's mother uses cylinder to cook chapatti on gas burner at home. Name the gas

in cylinder.

A. Air

B. Oxygen

C. L.P.G gas

D. C.N.G.

Answer:



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17. Monika read in a newspaper that a man became unconscious because of burning coal in a closed room. The teacher told her that during burning coal, a gas is produced which causes death of a person. Name this gas

A. Oxygen

B. Nitrogen

C. Carbon-monoxide

D. Hydrogen

Answer:



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18. The example of fossil fuel is :

A. Air

B. Sunlight

C. Water

D. Coal

Answer:



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19. Which gas is used as fuel in houses ?

A. Diesel

B. Petrol

C. Kerosene oil

D. Bitumen

Answer:



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20. The purest form of carbon is :

A. Coaltar

B. Coal gas

C. Diamond

D. None of the above

Answer:



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21. Which out of the following is the least pollution causing fuel ?

A. Petrol

B. Coal

C. Kerosene oil

D. C.N.G.

Answer:



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22. Which is the natural solid fuel?

A. Coal

B. Coke

C. L.P.G.

D. Coal tar

Answer:



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23. Which among the following is the best domestic fuel?

A. LPG

B. Coal

C. Kerosene oil

D. C.N.G.

Answer:



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24. Which of the following is the fossil fuel?

A. Air

B. Hydrogen gas

C. Water

D. Coal

Answer:



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25. Which out of the following is the non renewable source of energy?

A. Air

B. Sunlight

C. Coal

D. Forests

Answer:



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26. Which out of the following is called black gold?

A. Diesel

B. Coal

C. Bitumen

D. Petroleum

Answer:



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27. Which out of the following is limited natural resource?

A. Air

B. Sunlight

C. Natural gas

D. None of the above

Answer:



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28. Name some natural materials.



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29. Name some man-made materials.



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30. Define the term fossil fuel. Name three fossil fuels.



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31. How is cake prepared?



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32. Name two products formed as a result of Fractional distillation of petroleum.



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33. Name three products of petroleum.



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34. What are fossil fuels? What will happen if fossil fuels are use up at a fast rate? give reasons for your answer.



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35. Coal, petroleum, natural gas are example of which type of fuel?



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36. What is petroleum?



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37. Which type of rocks store petroleum in them?



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38. Which process is used for refining petroleum?





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39. How is petroleum gas produced?



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40. What is the use of bitumen?



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41. Which liquid fuel is used in stoves, lamps and jet air-crafts?



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42. Which product of petroleum is used for dry cleaning?



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43. Name few exhaustible natural resources.



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44. Give example of in-exhaustible natural resources.



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45. Which natural material is available at a blacksmith's place?



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46. Which process converts dead vegetation into coal?



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47. What happens when coal is heated or burn in air?



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48. Which condition is necessary for destructive distillation?



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49. What is the latest use of coal- gas?



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50. Which condition is necessary for destructive distillation?



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51. What are hydrocarbons?



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52. What are petrochemicals?



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53. Write two differences between Exhaustible and In-exhaustible Resources.



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54. Where is petroleum found in India?



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55. Name three products of petroleum.



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56. What are the products of coal?



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57. What is coal gas? How is it formed ? Give its uses.



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58. Give few uses of coal.



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59. What is coal tar? What are its uses?



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60. Name the main constituents of biogas.



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61. Define Natural resources with example.



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62. Give three characteristics of a good fuel?



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63. Write any three differences between coal and coke?



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64. What are fossil fuels? How are they formed?
why are they non-renewable sources of energy?



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65. Describe the formation of
Coal



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66. Explain the process of formation of petroleum.



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67. What is petroleum?



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