



CHEMISTRY

BOOKS - JNAN PUBLICATION

OCCURRENCE OF CARBON AND ITS COMPOUNDS IN NATURE

Example

1. CNG is used as _____

A. cooking gas

B. fuel of vehicles

C. generation of electricity

D. preparation of bricks

Answer:



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2. Domestic, industrial and agricultural wastes are used to produce _____

A. biomass

B. bio fuel

C. bio gas

D. steam

Answer:



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3. Combustion of fossil fuel may cause_____

A. global warming

B. acid rain

C. respiratory diseases

D. all of the above

Answer:



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4. Carbon dioxide is _____

A. lighter than air

B. blue in colour

C. completely soluble in water

D. colourless

Answer:



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5. Polythene is used in making_____

A. carry bags

B. buckets

C. cup plate

D. cloth

Answer:



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6. Teflon is _____

A. transparent

B. flexible

C. poor conductor of electricity

D. opaque

Answer:



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7. PVC is used to prepare _____

A. nonstick utensils

B. raincoat

C. clothes

D. cup plate

Answer:



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8. Of total mass of human body carbon is

A. 0.5

B. 0.3

C. 0.1

D. 0.8

Answer:



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9. State whether True or False:

Diamond is harder and denser than graphite.



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10. State whether True or False:

60% of carbon dioxide generated through human activities absorbed by the oceans.



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11. State whether True or False:

Graphite is not a conductor of electricity.



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12. State whether True or False:

Fullerences are nto macromolecules.



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13. State whether True or False:

Coal is used as a fuel of vehicles.



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14. State whether True or False:

Snails and corals absorb carbon dioxide dissolved in water and form their shells.



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15. State whether True or False:

CNG is used for cooking.



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16. State whether True or False:

Taptapani hot spring is situated in Odissa.



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17. State whether True or False:

Bio-diesel is prepared from vegetable oils or animal fat.



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18. State whether True or False:

Polythene is not insulator of electricity.



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19. State whether True or False:

Methanogenic bacteria in wetlands produce methane.



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20. Fill in the blanks:-

Of the entire mass of human body, carbon comprises _____ of the total mass.



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21. Fill in the blanks:-

In the shell of snail or other marine animals there is _____.



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22. Fill in the blanks:-

Synthesis of diverse organic molecules by living organisms is known as _____



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23. Fill in the blanks:-

Methane is one of the _____ gas.



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24. Fill in the blanks:-

Graphite is _____ of electricity.



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25. Fill in the blanks:-

The symbol of fullerence molecule is

_____.



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26. Fill in the blanks:-

Temperature of the centre of earth is

_____.



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27. Fill in the blanks:-

The _____ oil can be used directly in

diesel generators or engines without purification.



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28. Fill in the blanks:-

Neutrons and protons are bound in a nucleus by an energy called _____.



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29. Fill in the blanks:-

A target is set to generate _____ megawatt of electricity by 2032.



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30. Fill in the blanks:-

_____ is a pungent-smelling corrosive gas.



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31. Fill in the blanks:-

Urea is used as the major _____ fertiliser.



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32. Fill in the blanks:-

Temperature of solid carbon dioxide is
_____.



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33. Fill in the blanks:-

The increase of temperature of the atmosphere due to green house effect is called _____.



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34. Fill in the blanks:-

_____ is produced through the digestion of organic waste in absence of air.



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35. Match the following:-

Column A	Column B
a) Teflon is used for	i) water-resistant fibre.
b) Polythene is used to	ii) finished fuel.
c) Nylon is a	iii) energy.
d) Carbon dioxide is	iv) make carry bags.
e) Carbon dioxide is used	v) is still hot.
f) Bio gas is used as a	vi) less amount of heat.
g) The core of the earth	vii) a colourless gas.
h) The refining of coal	viii) to prepare non-stick utensils.
i) Low-grade coal produces	ix) to produce urea.
j) Fuels are the sources of	x) is called coal washing.



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36. Name two elements which have allotropy forms.



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37. How many carbon atoms exist in fullarene?



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38. In which industry fullerence is used?



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39. In which form carbon can make mark on a paper?





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40. In which form carbon is a good conductor of heat and electricity?



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41. Which form of carbon looks like a football?



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42. Write name of two green house gases.



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43. What compound CO gas make with Haemoglobin?



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44. Which form of carbon dissovles in organic solvent?



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45. Which form of carbon can cut glass?



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46. Which form of carbon can cut glass?



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47. Which form of carbon is called 'a bucky ball'?



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48. If diamond is strongly heated in presence of air what is produced?



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49. Which oxide of carbon is poisonous?



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50. What is 'non-biodegradable' polymers?



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51. What is Dry Ice?



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52. What is bio fuel?



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53. What is coal washing?



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54. What is allotropes?



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55. What are the allotropes of carbon?



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56. What is Coal Washing?



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57. Name some alternative sources of energy apart from traditional fuels.



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58. Write the physical properties of diamond.



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59. Write uses of diamond.



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60. Write physical properties of graphite.



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61. How is Biogas and Bio- fuel produced?



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62. Write the physical properties of Carbon dioxide.



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63. Write some uses of Carbon dioxide.



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64. How can we maintain the balance of CO_2 and O_2 in atmosphere?



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65. What is global warming?



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66. Write the Hazardous effects on environment due to combustion of fossil fuels.



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67. What are polymers define. Write two main reasons for the use of different polymers.



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