

## Organic Chemistry

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| Sr | Questions  | Answers Choice  |
| 1  | Which one of the following is not a fossil fuel?         | A. Coal B. Natural gas C. Bio gas D. Petroleum  |
| 2  | The ability of carbon atoms to form chains is called.    | A. Isomerism B. Catenation C. Resonance D. Condensation   |
| 3  | Who put forward " the vital force theory"?               | A. Kolbe<br>B. Wohler<br>C. Berzellius<br>D. Jabir - Bin - Hayan  |
| 4  | The strong heating of coal in the absence of air called. | <ul><li>A. Fractional Distilation</li><li>B. Destructive Distilation</li><li>C. Carbonization</li><li>D. Catenation</li></ul>                   |
| 5  | Vital force theory was rejected by.                      | A. Jabir Bin Hayan<br>B. Drawin<br>C. Wohler<br>D. Berzellius   |
| 6  | Silicon occurs in the form of                            | A. None of these B. both a and b C. Silicates D. Silica   |
| 7  | Formula of Decane is.                                    | A. C <sub>10</sub> H <sub>20</sub> B. C <sub>10 </sub> H <sub>22</sub> C. C <sub>10</sub> H <sub>4</sub> D. C <sub>10</sub> H <sub>16</sub>     |
| 8  | Coal tar contains compounds                              | A. Benzene<br>B. Phenol<br>C. Toluene<br>D. All   |
| 9  | Conversion of wood into coal is called.                  | <ul><li>A. Carbonization</li><li>B. Destructive distillation</li><li>C. Fractional distillation</li><li>D. All</li></ul>                        |
| 10 | The % age of carbon is lignite is                        | A. 60<br>B. 70<br>C. 80<br>D. 90  |
| 11 | Open chain compounds are also called:                    | A. aliphatic compounds B. alicyclic compounds C. aromatic compounds D. hydrocarbons   |
| 12 | Alkyl radical is derivative of                           | A. Alkane B. Alkene C. Alkyne D. All  |
| 13 | Chemical formula for urea is:                            | A. NH4CNO<br>B. NH4CH<br>C. NH2CONH2<br>D. NH4CI  |
| 14 | General formula of Alkane is.                            | A. C <sub>10</sub> H <sub>2n-2</sub> B. C <sub>6</sub> H <sub>26</sub> C. C <sub>11</sub> H <sub>2n-2</sub> D. C <sub>n</sub> H <sub>2n-2</sub> |
| 15 | Which is the main component of natrual gas.              | A. Methane B. Ethane C. Propane   |

|    |  | D. Charcoal  |
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| 16 | Organic compounds contain:                           | A. ionic bond B. Covalent bond C. Metallic bond D. Co-ordinate covalent  |
| 17 | Petroleum is refined by                              | <ul><li>A. Destructive distillation</li><li>B. Fractional distillation</li><li>C. Simple distillations</li><li>D. Dry distillation</li></ul> |
| 18 | Aromatic compounds are given this name because of;   | A. smell they have B. slippery touch they have C. bitter taste they have D. sour taste they have   |
| 19 | Functional group of Alcohols is                      | ACOOH<br>BC=0<br>C. C-O-C<br>DOH   |
| 20 | Which one of the following compounds is an aldehyde? | A. CH <sub>3</sub> -CH <sub>2</sub> -OH B. CH <sub>3</sub> -COOH C. CH <sub>3</sub> CHO D. CH <sub>3</sub> COCH <sub>3</sub>                 |