



Carbon and its compound theory test

1. Write the name of the following
 $\text{CH}_3\text{CH}_2\text{COOH}$, $\text{CH}_3\text{CH}_2\text{Br}$
2. What is the third compound of ketone?
3. Write down the equation of burning of acetylene.
4. Write two uses of ethanol
5. Write down the formulas of sodium ethanoate, sodium ethoxide
6. Define scum
7. Why do soaps not clean clothes in alcohol?
8. Electron dot of S_8 ring
9. Write four features of covalent compounds
10. How can we get alkane from alcohol?
11. Do alkaline hydrolysis of $\text{C}_3\text{H}_7\text{COOCH}_3$.
12. Differentiate between diamond and graphite
13. What is hydrogenation? How is it different from substitution?
14. Why ketone is started from 3rd compound?
15. What is the IUPAC name of acetone?
16. Name the products formed when sodium ethanoate is heated with soda lime.
17. How can you get sodium ethoxide?
18. What is denatured alcohol?
19. Mention the by- product of soap industry.
20. Name the elements other than carbon that constitute carbohydrates.
21. Which gas is evolved when sodium bi carbonate is reacting with tartaric acid?
22. Write down the general formula of the gas produced by the decomposition of plants and animals in marshy land.
23. What happens when soap solution in a test tube is shaken with hard water and soft water?
24. Name the compound is formed by the fermentation of sugar.

25. Write down the molecular formula of the consecutive ninth member of C_4H_{10} .
26. Define functional group
27. What will be our observation when bromine water is reacting with ethene.
28. What is the common name of CH_3COOH ?
29. What are the constitute of an ester.
30. Which two if the following compounds could belong to the same homologous group
 $C_2H_5O_3$, C_2H_6O , C_2H_6 , CH_4O

