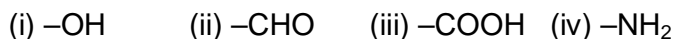
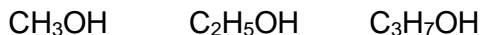


14. CARBON AND ITS COMPOUNDS

1. Identify the following functional groups.



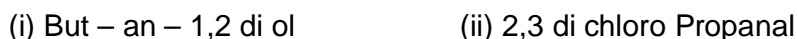
2. Some formulae are given below. Are they belongs to an homologous series ?



3. Write the IUPAC names of the following.



4. Draw the structures of the following molecules.



5. Name any four allotropes of Carbon.

6. Alkanes participate in addition reactions. They do not participate in substitution reactions. Why?

7. Alkenes participate in substitution reactions. They do not participate in addition reactions. Why?

8. Draw the diagram of Micelle.

9. Draw the diagram of Soap molecules and label it.

10. Classify the following substances as Alkanes, Alkenes and Alkynes.



11. Graphite is a good conductor of electricity. Diamond is not a conductor of electricity.

Give reasons.

12. Where do we use carbon compounds in our daily life ?