



# PRACTICE WORKSHEET

**Subject:** Chemistry

**Class:** ICSE 10<sup>th</sup>

**Chapter:** Organic Chemistry

**Worksheet:** C1

## Question 1:

Give the following reactions:

- Reaction of bromoethane with alcoholic KOH
- Reaction of bromoethane with aqueous KOH
- Reaction of ethanol with concentrated sulphuric acid
- Reaction of ethanol with acetic acid
- Reaction of ethyne with hydrobromic acid

## Question 2:

Complete and balance the following Chemical equations:

- $C_2H_2 + [O]$
- $CaC_2 + H_2O$
- $C_2H_5OH + NaOH$
- $C_2H_5OH + O_2$
- $C_2H_5I + Na$

## Question 3:

Give the structure of the following compounds:

- 2-methyl butan-2-ol
- 2-butanone
- 2,2-dimethyl propane
- 2-butyne
- Methoxy ethane

## Question 4:

Give the laboratory preparation of methane with diagram.

## Question 5:

Give the IUPAC names of the following compounds:

- $CH_3CH_2CH(CH_3)CH_3$
- $CH_3CH_2CH(OH)CH_3$
- $CH_3CH_2CH_2COCH_3$
- $CH_3OCH_2CH_3$
- $CH_3CH_2CH_2COOC_2H_5$