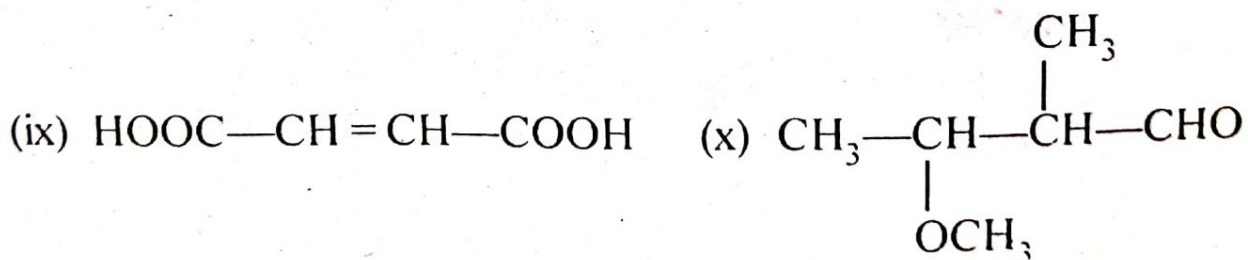
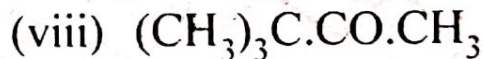
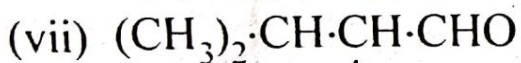
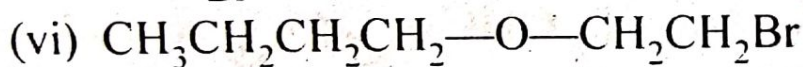
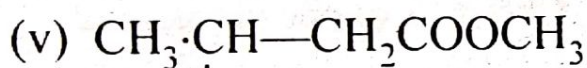
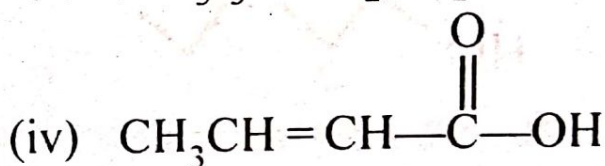
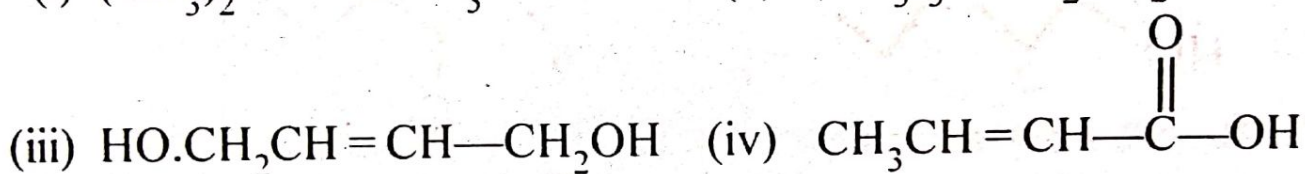
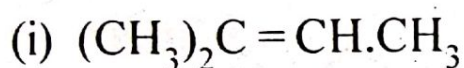
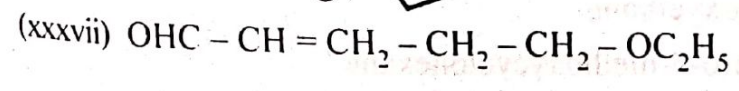
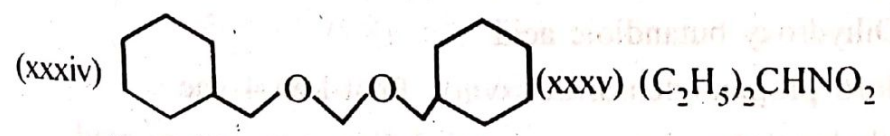
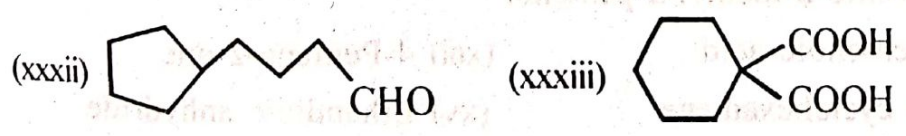
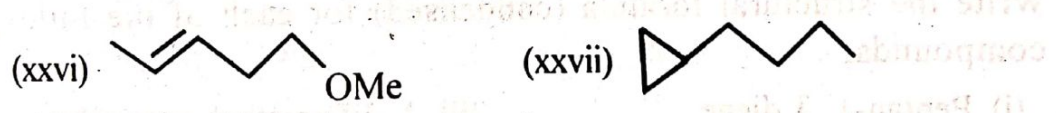
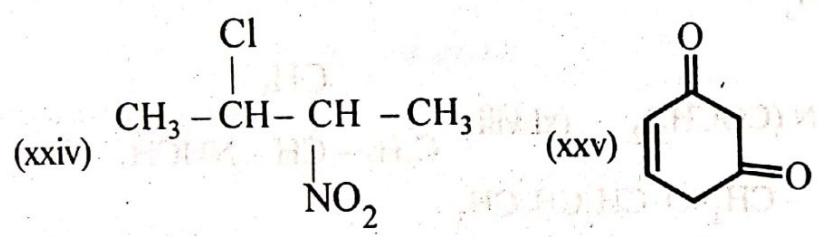
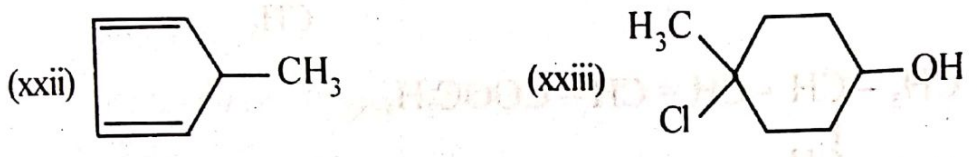
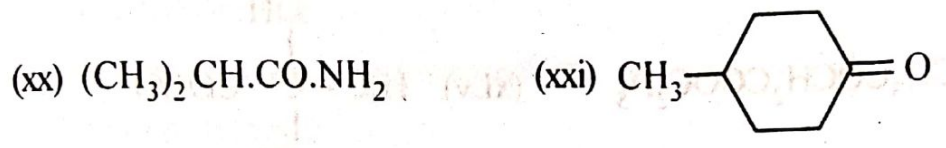
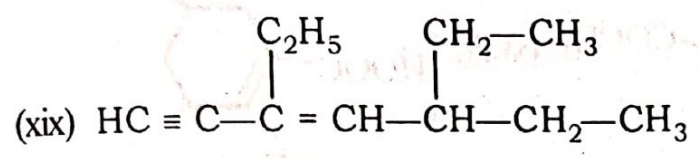
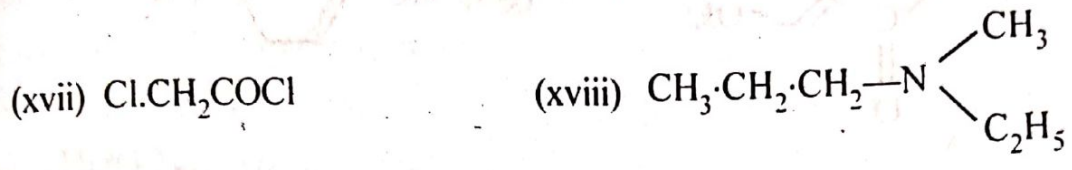
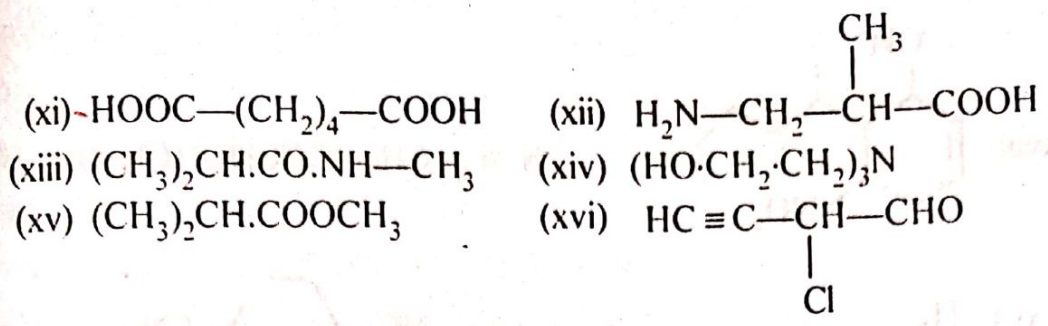
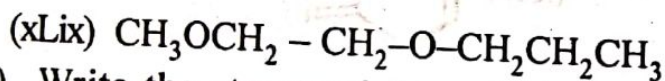
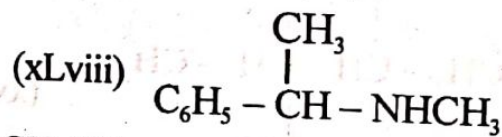
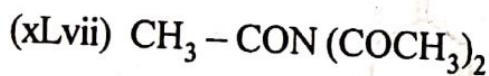
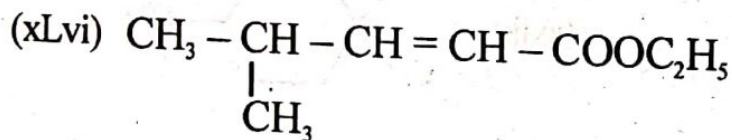
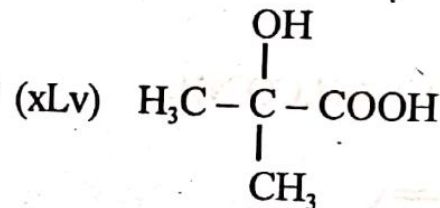
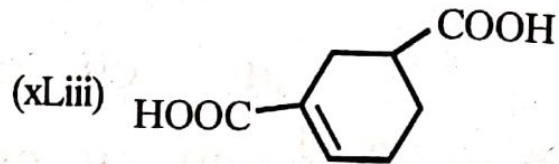
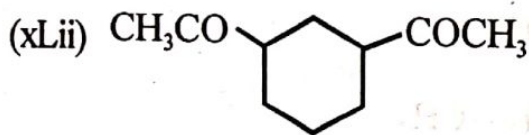
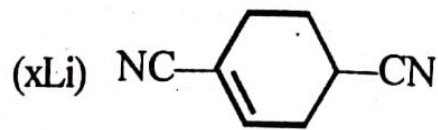
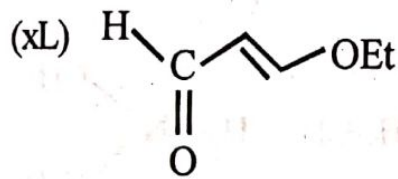
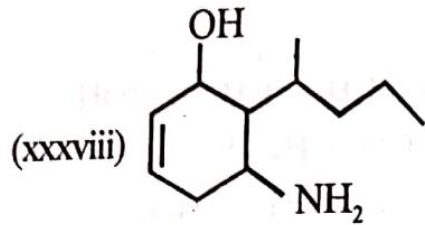


Questions

(1) Give IUPAC names for the following compounds.







(2) Write the structural formula (condensed) for each of the following compounds:

(i) Pentan-1, 3 diene

(ii) 2, 4-Dimethyl pentandioic acid

(iii) Propynal

(iv) 2-Bromo butanoyl chloride

(v) Sodium ethanoate

(vi) Methoxy propanone

(vii) 2-Methyl pentanamide

(viii) 3-Methyl hexanol

(ix) 2-Aminoethanoic acid

(x) 3-Ketobutanitrile

(xi) 3-Bromo-2-methyl-2-pentenal

(xii) 2-Pentenoic acid

(xiii) 4-Pentene-2-one

(xiv) 1, 3 cyclohexadiene

(xv) Ethandioic anhydride

(xvi) 2, 3-Dihydroxy butandioic acid

(xvii) 3-Chloro propanoylchloride (xviii) Pent-1-en-4-yne

(xix) 3-Methylcyclohexene

(xx) 3-Cyanopropanoic acid

(xxi) 3-Ethyl -4, 5-dimethylheptane

(xxii) 1-Chloro-2-ethoxyethane

(xxiii) 1-Chloro-3-fluoro-5-methoxycyclohexane

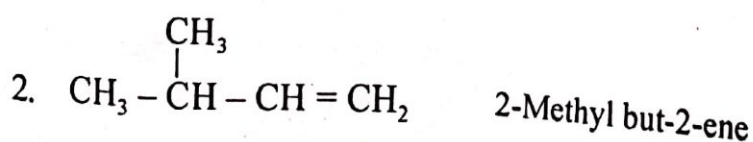
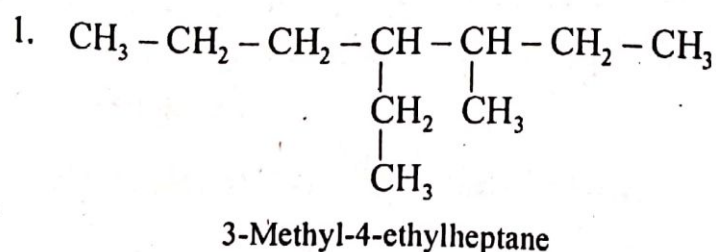
Nomenclature of Organic Compounds

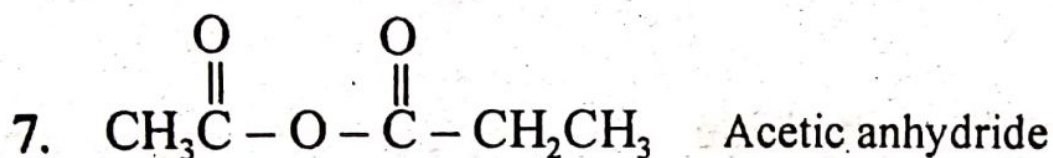
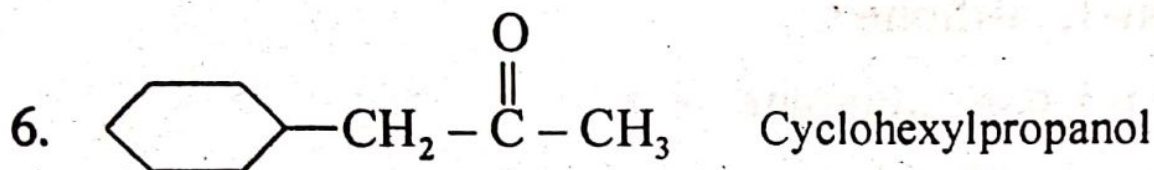
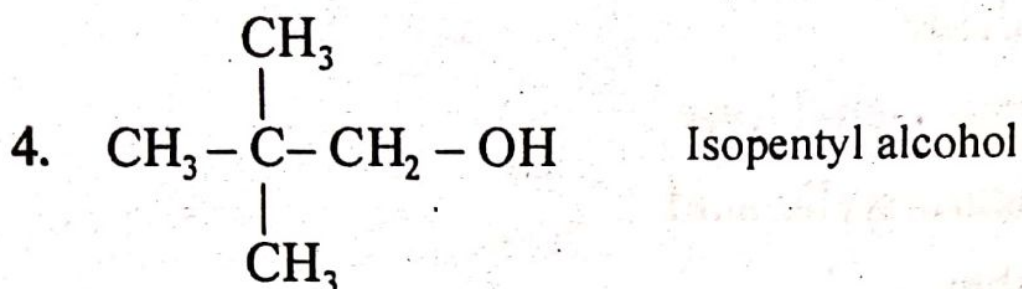
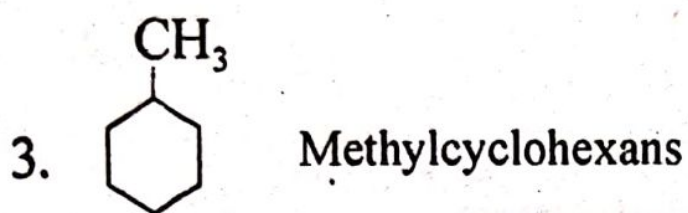
- (xxiv) 3-Ethylhex-1-en-4-yne
- (xxv) 2-Methylbutan-2-amine
- (xxvi) 2-Chloropropyl-3-ethenylbutane-1, 4-dinitrile
- (xxvii) Phenylethanoic anhydride
- (xxviii) 1-Phenyl-2-propylbutan-3-en-1-one
- (xxix) Hexane-1, 3, 3, 6-tetracarboxylic acid
- (xxx) Bis-(2-chloroethyl) ether
- (xxxi) Cyclobutaneethanol
- (xxxii) 1-Hydroxypentan-1, 4-dione
- (xxxiii) Methyl-2-chloro-3-oxobutanoate
- (xxxiv) 3-Phenylpropanoyl chloride
- (xxxv) Hexanedioic acid
- (xxxvi) Cyclohexane carboxylic anhydride
- (xxxvii) Triphenylethenol
- (xxxviii) Hexane dial
- (xxxix) N-Propanoylpropanamide
- (xL) 3-Hexynediamide
- (xLi) N-Pentylcyclo propanamine
- (xLii) 5-Oxohexanenitrile
- (xLiii) 2, 3 -Butanedione

Fill in the Blanks

- (a) According to IUPAC, _____ carbon chain is selected.
- (b) Propane has _____ carbon
- (c) Butane has _____ isomers
- (d) Buta-2-ene has _____ isomer.

True or False





Draw structures of:

- (a) Ethyl acetate
- (b) Methoxyethane
- (c) Propan-1-amine
- (d) 2-Methyl propamide
- (e) Hex-5-en-3-one