

Organic Chemistry Assignment 1

1. Write the structural formula for each of the following compounds:

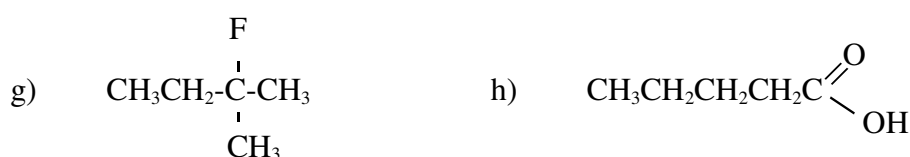
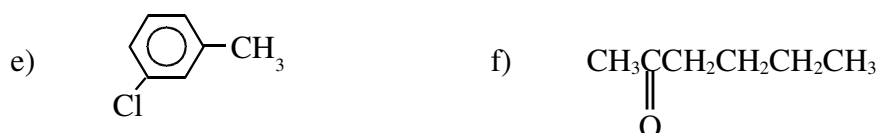
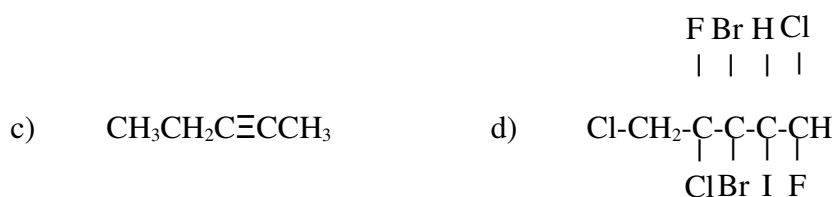
- | | |
|---------------------------|------------------------------|
| a) 2,3-dichloro pentane | b) hexanol |
| c) propanoic acid | d) butan-2-ol |
| e) 2,3-dimethyl but-2-ene | f) ethyl cyclobutane |
| g) pent-2-yne | h) 1-methyl 3-propyl benzene |
| i) propanone | j) butan-2-amine |

20 marks

2. Write the names and structural formulae for 5 isomers of C_6H_{12}

10 marks

3. Write the systematic name for each of the following compounds:



10 marks

TOTAL /40

