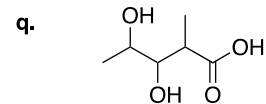
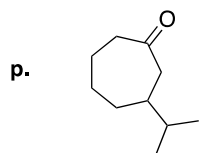
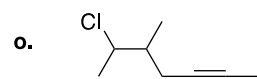
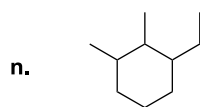
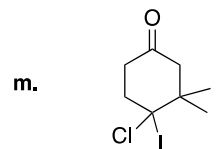
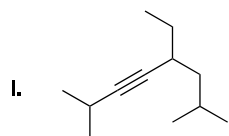
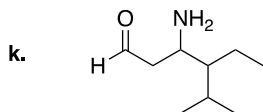
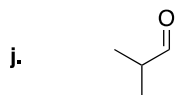
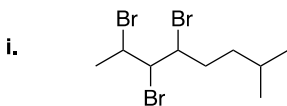
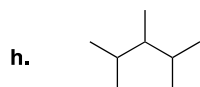
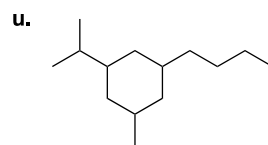
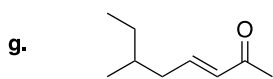
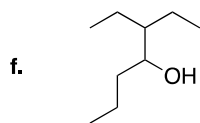
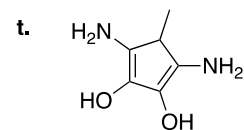
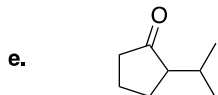
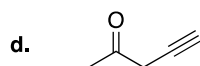
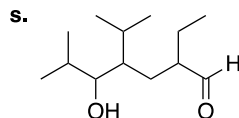
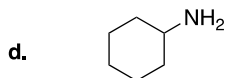
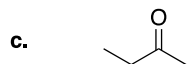
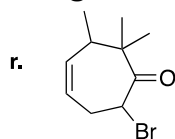
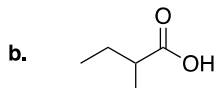
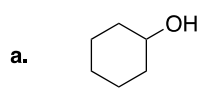
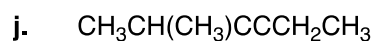
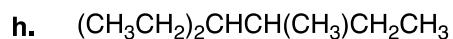
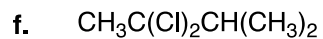
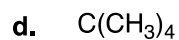
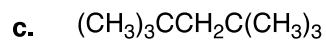
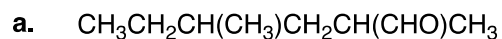


4 Nomenclature

4.1 Provide the IUPAC name for the following molecules:



4.2 Provide the IUPAC name for the following molecules:



4.3 For each of the following, state why the given names are incorrect, and give the correct IUPAC names and provide the corresponding structure:

a. 2-dimethylbutane

b. 3-chloro-4-methylpentane

c. 2-ethylhexane

d. 3-isopropylpentane

e. 1,1-dimethylbutane