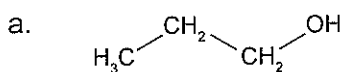


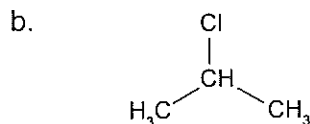


Chemical Environments Problems

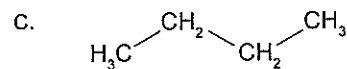
1. Identify the number of chemical environments in the following:



3



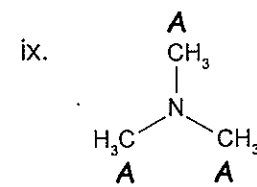
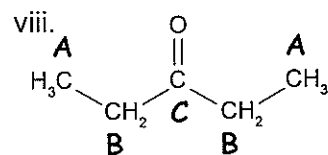
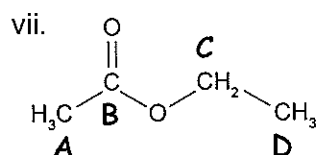
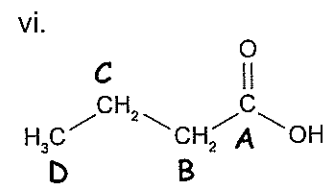
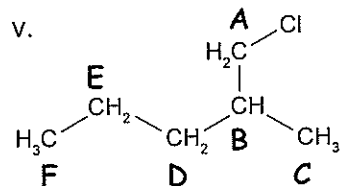
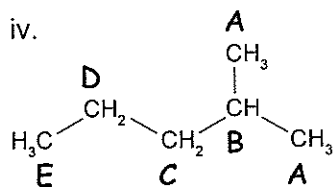
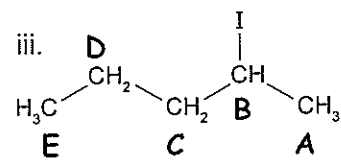
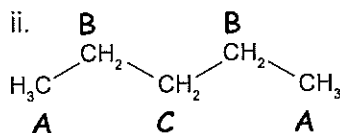
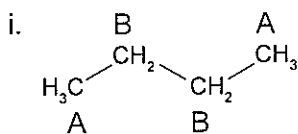
2



2

2. Consider the following structures:

a. Label each carbon with a capital letter (A, B, C...). Any carbons in the same environment should be given the same letter. The first example is done for you.



b. Using your labelled environments, list the number of environments presents in each compound.

i. 2

ii. 3

iii. 5

iv. 5

v. 6

vi. 4

vii. 4

viii. 3

ix. 1