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DEPARTMENT: MEDICINE AND SURGERY

MATRIC NUMBER: 19/MHS01/186

ASSIGNMENT

1a). Double bond chain = (alkene)

–OH (hydroxyl group)

–COH (alkanals)

b). -NH₂ (amine)

-C=O (alkanones)

C₆H₅ (phenyl group)

c). Double bond chain = (alkene)

-OH (hydroxyl group)

-COH (alkanals)

2). $S∝$ = 1.0

 1.0 $× $(0.856)

 ( 10 )

 = 1

 0.0856

 $S∝$ =11.68

3a). Hexa-2,4-diene

 H H H H H

H-C-C=C-C=C-C-H

 H H H

b). 2,3-dimethylbut-2-ene

 H H

H - C - C = C - C - H

 H CH₃ CH₃ H