

Name of the Student: _____

Max. Marks : 16 Marks

Time : 16 Minutes

Mark Schemes

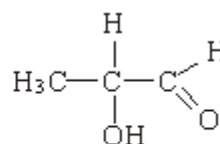
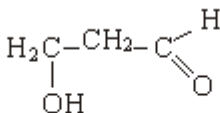
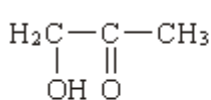
Q1.

(a) X (O-H) (alcohols)
 penalise acid or missing "alcohol"

1

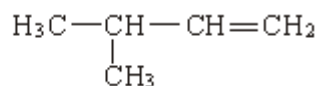
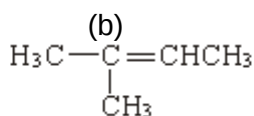
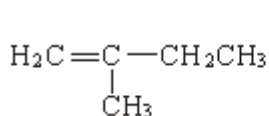
Y C=O
 allow carbonyl

1

**A**

NOT acid

4

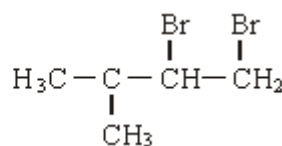
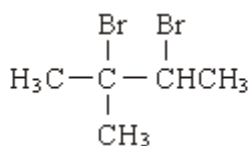
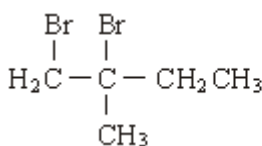


Allow conseq dibromocompounds following incorrect unbranched alkenes

NOT allow dibromocompound consequent on a duplicate alkene

NOT allow monobromocompounds if HBr added

3



3

6:3:1 either next to correct structure or to none

1

Allow a mark for identifying correct dibromocompound with three peaks even if integration ratio is wrong

1

if 6:3:1 missing or wrong, no marks for splitting

Only award a mark for splitting if it is clear which integration number it refers to

6 singlet or drawn	1
3 doublet or drawn	1
1 quartet/quadruplet or drawn	1
	(max 10 marks)

[16]