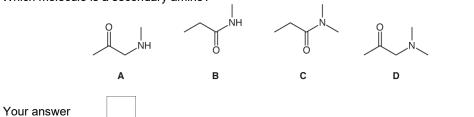
Amines (MCQ)

1. Which molecule is a secondary amine?



2. CH₃CH₂C/ reacts with an excess of ethanolic NH₃.

Which compound is the main organic product?

- A CH₃CH₂NH₂
- B (CH₃CH₂)₂NH
- C (CH₃CH₂)₃N
- $\mathbf{D} \qquad (CH_3CH_2)_4N^+$

Your answer	
roui answei	

[1]

[1]

3. The compound shown below can be prepared from phenol.

Which reagent(s) is/are required?

- A Concentrated NH₃
- B Dilute NH₃
- C Dilute HNO₃ and then concentrated HCI/Sn
- D Dilute HNO₃ and then NaBH₄

Your answer

[1]

Mark scheme – Amines (MCQ)

Q	Question		Answer/Indicative content	Marks	Guidance
1			A	1	Examiner Comments This question was answered correctly by over 80% of the candidates. The main distractor appeared to be B which was an amide rather than an amine.
			Total	1	
2			A	1	
			Total	1	
3			С	1	
			Total	1	