

**Q1.**

Compound **Y** has the structural formula  $\text{CH}_3\text{COOCH}_2\text{CH}(\text{CH}_3)_2$

Which compound is a position isomer of **Y**?

**A** 5-hydroxyhexan-3-one

☐

**B** butyl ethanoate

☐

**C** hexanoic acid

☐

**D** propyl propanoate

☐

(Total 1 mark)

**Q2.**

Which compound is formed by the acid hydrolysis of phenyl benzenecarboxylate?

**A**  $\text{C}_6\text{H}_5\text{CH}_2\text{OH}$

☐

**B**  $\text{C}_6\text{H}_5\text{CHO}$

☐

**C**  $\text{C}_6\text{H}_5\text{COCH}_3$

☐

**D**  $\text{C}_6\text{H}_5\text{COOH}$

☐

(Total 1 mark)

**Q3.**

Which compound is an amide?

**A**  $\text{CH}_3\text{CH}_2\text{CH}_2\text{CN}$

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**B**  $\text{CH}_3\text{CONHCH}_2\text{CH}_3$

☐

**C**  $\text{CH}_3\text{COOCH}_2\text{CH}_3$

☐

**D**  $\text{CH}_3\text{NHCH}_2\text{CH}_2\text{CH}_3$

☐

(Total 1 mark)