

# **My Question Paper**







## Marking Scheme

1.

H. non-competitive binds away from active site/ binds at allosteric site

I. changes shape/conformation of enzyme molecule;

J. shape/conformation of active site changed;

K. increasing substrate concentration has no effect on rate of reaction [7]

(ii) L. enzymes tolerate wider range of conditions/temp/pH/thermostable/  
Qwtte (not: stable unqual)

M. enzyme easily reused;

N. several enzymes can be used together;

O. product not contaminated / easier purification of product

P. greater central of reaction achieved/ enzymes easily added or

Removed qual.

[3]

**(Total 10 Marks)**

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## Examiner's Comments

1. Both questions were equally popular. Answers to (a) were good but in some cases failed to use correct terminology. For example, many candidates referred to latent heat rather than the latent heat of vapourisation. Answers to (b) often scored full marks, only marking points G and K causing the most difficulty.

*This comment originally referred to question **8** on paper **1071/01 (11/01/2011)***