Practice Question Set For GCSE
Subject : Biology
Paper-1 Topic: B2 Organisation

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Name of the Student:_____
Max. Marks : 21 Marks **Time : 21 Minutes**

Mark Schemes

Q1.

(a) guard cells

1

(b) (i) 2.00 / 2.0 / 2

1

(ii) 0.05 or 1/20

1

(iii) (Q has)
it = Q

large(r) surface area / more stomata / thinner cuticle / larger leaves
accept other sensible answers

1

(iv) wind 30
extra box ticked cancels the mark

1

(c) wilting
extra ring drawn cancels the mark

1

[6]

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Q2.

(a) fatty acids

1

glycerol

1

(b) (i) any **one** from:

- (same) amount / $1cm^{3\ fat}$
- (same) amount / $10cm^{3\ lipase\ /\ enzyme}$
- (kept for) 24 hours **or** (same length of) time

1

(ii) temperature

allow heat / warmth

1

(c) (carry out experiments) using more temperatures / smaller intervals

ignore repeat unqualified

do not accept longer time

1

between 20 and 60 °C / around 40 °C

accept extra single temperature in range 20 °C – 60 °C but cannot be 20 °C, 40 °C or 60 °C

1

(d) (i) 'strong' acid

1

(ii) enzyme works / not destroyed / not denatured / not damaged

*do **not** accept enzyme not killed*

accept any indication that the fat is digested

accept same as tube 3 / tube at 40 °C

accept optimum temperature / at or near body temperature

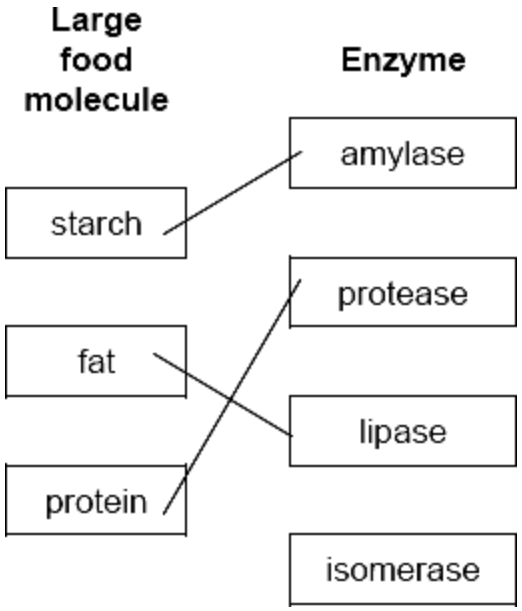
1

[8]

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Q3.

(a) (i)



*all three correct = **3** marks*
*two correct = **2** marks*
*one correct = **1** mark*
extra line from a large food molecule cancels the mark

3

(ii) sugars

1

fatty acids and glycerol

1

amino acids

must be in this order

1

(b) liver

1

[7]

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