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

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Name of the Student:_____
Max. Marks : 24 Marks **Time : 24 Minutes**

Mark Schemes

Q1.

(a) (i) increased / thick(er)

allow more / wide(r) / broad

1

(ii) decreased

1

(b) 1

IGNORE working or lack of working

*correct figures from table 2.1 and 1.1 but no answer / wrong answer = **1** mark*

2

[4]

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Q2.

(a) being overweight

*do **not** accept fat unqualified*

allow BMI over 25

1

(b) (i) rose

1

by 8% / from 16% to 24% / by 50% / rapidly then more slowly

1

(ii) any **two** reasonable suggestions

e.g. less active

accept e.g.s like fewer jobs / more cars / less physically demanding employment OWTTE

more food / take-aways / fast food

2

(c) (i) high (blood) cholesterol

*do **not** accept combination of 2 labels*

ignore references to LDL and HDL

1

(ii) answer in range 8-17 inclusive

1

(iii) some deaths related to more than one factor

1

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Q3.

red (blood cell)

1

platelet

1

white (blood cell)

1

plasma

1

[4]

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Q4.

(a) in sequence

starch

1

sugar

1

protein

1

<u>amino</u> acids

1

(b) (too) large **or** insoluble

*do **not** accept "breaking up"*
*do **not** accept complex*

accept 'need to make molecules smaller / soluble' – reverse argument

1

cannot be absorbed **or**
cannot enter blood **or**
cannot pass through wall / lining of intestine / gut or villi

"body" not enough
***not** large intestine*

1

(c) mouth

accept positive indication

1

(d) enzymes

allow catalysts
*do **not** accept <u>catalase</u>*

1

[8]

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