Practice Question Set For GCSE
Subject : Biology
Paper-1 Topic: B1 Cell Biology

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Name of the Student:_____
Max. Marks : 15 Marks **Time : 15 Minutes**

Mark Schemes

Q1.

(a) circles round right hand **X** and **Y** gametes

*put two ticks **or** crosses by the circles*

2

(b) 50:50 **or** 1:1 **or** 50% **or** 0.5 **or** ½ equal **or** evens

credit even

*do not accept 2:1 **or** 50 / 50*

1

(c) (i) 23

1

(ii) 23

credit the same as the one above to be marked consequential

1

(d) DNA

do not accept nucleic acid

1

(e) same

1

[7]

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Q2.

(i) 6 in both spaces

do not credit if any formula has been altered

1

(ii) glucose

*allow fructose **or** dextrose*

1

(iii) mitochondria

accept organelles

1

[3]

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Q3.

(a) A – (cell) membrane

allow phonetic spelling

1

B – cytoplasm

1

C – nucleus

1

(b) any **two** from:

- to react / respond (to the surroundings)
  ignore brain / nervous system reacts
  ignore adapt
- avoid dangers / prevent harm to body
  allow examples eg to prevent body being burned by hot object
- to coordinate behaviour / process information
  ignore send messages

2

[5]

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