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

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Name of the Student:_____
Max. Marks : 19 Marks **Time : 19 Minutes**

Mark Schemes

Q1.

(a) B

1

(b) Narrow(er) small(er) / thin(ner)(air) passages / bronchioles
allow muscle fibres are contracted
allow oxygen instead of air

or less air can pass through
ignore reference to surface area

or harder for air to enter

1

(c) (i) salbutamol causes relaxation / reduces contraction

1

(ii) widens / enlarges / bronchioles / (air) passages
allow oxygen instead of air

or allows air through more easily

or allows person to breathe more easily

1

[4]

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Q2.

(a) (i) artery

1

(ii) capillary

1

(b) alveoli

1

red blood cells

1

nucleus

1

[5]

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Q3.

(a) (i) A **or** C

allow lower case

1

(ii) B **or** D

allow lower case

1

(b) (i) 60

1

(ii) 4

1

(c) red blood cells

1

[5]

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Q4.

(a) (i) <u>on diagram</u>:

arrow drawn from cell **X**, through air space and out through stoma above stoma

1

(ii) transpiration

1

(b) (i) 13 – 15

ignore units

1

(ii) any **two** from:

- warmest / hottest / brightest time of day
  *accept warmer / hotter **or** sun higher in sky*
- water evaporates fastest
- stomata open / more open

2

[5]

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