Practice Question Set For GCSE
Subject : Biology
Paper-1 Topic: B3 Infection And Response

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Name of the Student:_____
Max. Marks : 26 Marks **Time : 26 Minutes**

Mark Schemes

Q1.

(a) virus
bacteria (allow fungi, protozoa)

2

(b) reference to poisons/toxins produced by microbes

1

(c) 2 of e.g.
engulf microbes
produce antibodies
produce antitoxins

2

(d) dead/weakened microbes (relevant to named disease)
method e.g. injection/ swallowed (relevant to named disease)
body responds by producing antibodies

3

[8]

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Q2.

(a) lungs

for 1 mark

1

(b) microbes reproduce rapidly produce poisons

for 1 mark each

2

(c) viruses/fungi/protozoa

for 1 mark

1

(d) more likely to come into contact with infected people/more TB bacteria in air

for 1 mark

1

(e) white cells ingest bacteria
produce antibodies which destroy bacteria
produce antitoxins which counteract poisons produced by bacteria

for 1 mark each

3

[8]

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Q3.

bacteria reproduce rapidly / increase rapidly in numbers produce poisons / toxins

each for 1 mark

2

[2]

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Q4.

(a) microbes entered body,
multiplied rapidly,
made poisons

any 2 for 1 mark each

2

(b) contact with infected people

for 1 mark

1

(c) the body kills the microbes

for 1 mark

1

[4]

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Q5.

(a) viruses live / reproduce inside cells

1

(so) the drug cannot reach the virus

allow (so) cell also damaged

1

(b) develop new antibiotics

1

not prescribe antibiotics for viral infections / non-serious infections

allow antibiotics should not be prescribed / used inappropriately

or

allow (patients) should take the complete course of antibiotics

1

[4]

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