ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 3 · 25 QUESTIONS

Infection and Response — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button so it can be fixed.

1 **A brown dog has fleas. What are fleas?**

- A producers
- B parasites
- C predators
- D prey

Understand It with Pulse | Flag a mistake

2 **Eggs can carry Salmonella bacteria. How can food poisoning from eggs be avoided?**

- A cook the eggs thoroughly
- B eat the eggs raw
- C wash the eggs in cold water
- D keep the eggs in the fridge for a week

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3 **Red apples contain vitamin C. What is vitamin C needed for?**

- A healthy skin and gums
- B good eyesight at night
- C making red blood cells
- D strong bones and teeth

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4 **A thermometer is placed in hot water. What happens to the liquid inside the thermometer?**

- A it freezes
- B it expands
- C it contracts
- D it evaporates

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5 **A peach is a fruit. Which part of the flower does it develop from?**

- A the anther
- B the ovary
- C the stigma
- D the petal

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6 **A school lunch tray holds a meal with milk. Which nutrient is milk rich in?**

- A iron
- B calcium
- C vitamin C
- D fibre

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7 **Cases of a disease double every week. There are 10 cases now. How many cases will there be in 2 weeks?**

- A 30
- B 80
- C 40
- D 20

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8 **What is an antibiotic?**

- A a drug that kills bacteria
- B a vaccine
- C a painkiller
- D a drug that kills viruses only

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9 **Which pathogen causes HIV?**

A a virus

B a fungus

C a protist

D a bacterium

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10 **A person is exposed to a disease on day 10. The incubation period is 7 days. On which day do symptoms start?**

A 16

B 17

C 18

D 19

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11 **What do antibiotics kill?**

A fungi

B viruses

C bacteria

D protists

Understand It with Pulse | Flag a mistake

12 **What is an antitoxin?**

A a white blood cell

B a chemical that neutralises a toxin

C a poison made by bacteria in the body

D a vaccine ingredient

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13 **In a town of 1000 people, 95 percent are vaccinated. How many people is that?**

- A 900
- B 1900
- C 950
- D 1000

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14 **What happens in preclinical testing?**

- A the drug is given to patients
- B the drug is tested on healthy volunteers
- C the drug is tested on cells and animals
- D the drug is sold in shops

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15 **Why do antibiotics not work on viruses?**

A viruses are too big to be killed

B viruses live inside cells

C viruses are not alive at all

D viruses are too small to see

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16 **A person is exposed to a disease on day 1. The incubation period is 7 days. On which day do symptoms start?**

A 9

B 7

C 8

D 10

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17 **Which is a physical barrier against pathogens?**

A white blood cells

B stomach acid

C antibodies

D the skin

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18 **In a town of 1000 people, 80 percent are vaccinated. How many people is that?**

A 800

B 850

C 750

D 1600

Understand It with Pulse | Flag a mistake

19 **Which disease is now prevented by the MMR vaccine?**

A measles

B athlete's foot

C malaria

D tuberculosis

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20 **Cases of a disease double every week. There are 20 cases now. How many cases will there be in 2 weeks?**

A 60

B 80

C 40

D 160

Understand It with Pulse | Flag a mistake

21 **What is drug development?**

A banning medicines from use

B testing new medicines

C making new diseases in labs

D selling medicines in shops

Understand It with Pulse | Flag a mistake

22 **How is malaria spread?**

A through dirty water

B through skin contact

C by mosquito bites

D through coughing

Understand It with Pulse | Flag a mistake

23 **A person is exposed to a disease on day 5. The incubation period is 7 days. On which day do symptoms start?**

- A 12
- B 13
- C 14
- D 11

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24 **How can antibiotic resistance be slowed down?**

- A share antibiotics with friends
- B stop taking them when you feel better
- C finish the full course of antibiotics
- D take antibiotics for a cold

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25 **What does a vaccine contain?**

A an antibiotic

B a live dangerous pathogen that causes disease

C white blood cells

D a dead or weakened pathogen

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	B	**10.**	B	**19.**	A
2.	A	**11.**	C	**20.**	B
3.	A	**12.**	B	**21.**	B
4.	B	**13.**	C	**22.**	C
5.	B	**14.**	C	**23.**	A
6.	B	**15.**	B	**24.**	C
7.	C	**16.**	C	**25.**	D
8.	A	**17.**	D		
9.	A	**18.**	A		

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