ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · UNIT 5 · 25 QUESTIONS

Health, Disease and the Development of Medicines — 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 thermometer shows a child has a temperature of 39 degrees Celsius. What does a high temperature suggest?

A the child needs more sleep and rest tonight

B the body is too cold

C the child is dehydrated

D the body is fighting an infection

Understand It with Pulse

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

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

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3 **A school lunch tray holds a meal with bread, cheese and an apple. Which food group is the bread from?**

- A carbohydrates
- B vitamins, for health
- C fats, for insulation
- D proteins, for growth

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4

A brown dog is vaccinated. What does the vaccine contain?

- A a live dangerous pathogen that causes disease
- B a dead or weakened pathogen
- C an antibiotic
- D white blood cells

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5

A peach contains a stone. What is inside the stone?

- A a seed
- B a root
- C a leaf
- D a flower

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

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

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7 **A person is exposed to a disease on day 1. The incubation period is 14 days. On which day do symptoms start?**

- A 17
- B 14
- C 15
- D 16

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8 **What is antibiotic resistance?**

A people become allergic to antibiotics

B bacteria evolve to survive antibiotics

C bacteria are killed too slowly

D antibiotics stop working in cold weather

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9 **What is a malignant tumour?**

A a tumour that shrinks on its own

B a tumour that stays in one place

C a harmless lump of cells

D a tumour that spreads nearby

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10 **A vaccine is given to 17 out of every 20 people in a school of 1000 pupils. How many pupils receive the vaccine?**

- A 85
- B 850
- C 150
- D 867

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

- A tuberculosis
- B malaria
- C measles
- D athlete's foot

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12 **Why are new antibiotics needed?**

A people stop using them altogether

B bacteria die out completely

C viruses become resistant too

D bacteria become resistant

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

A 950

B 900

C 1900

D 1000

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14 **What do white blood cells do to pathogens?**

A feed them

B make them reproduce

C engulf and digest them

D carry them in the blood

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

A 40

B 80

C 60

D 160

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16 **Why does a second infection with the same pathogen cause a faster response?**

A the pathogen is weaker the second time

B the skin is thicker after the first infection

C antibiotics are already in the blood

D memory cells act quickly

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17 **Which of these diseases is caused by a protist?**

A malaria

B athlete's foot

C measles

D gonorrhoea

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18 **A person is exposed to a disease on day 1. The incubation period is 3 days. On which day do symptoms start?**

- A 4
- B 3
- C 6
- D 5

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19 **Which lifestyle factor increases the risk of type 2 diabetes?**

- A obesity
- B a low sugar diet
- C regular exercise
- D drinking plenty of water

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20 **A vaccine is given to 17 out of every 20 people in a school of 200 pupils. How many pupils receive the vaccine?**

- A 30
- B 187
- C 170
- D 17

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21 **In a town of 1000 people, 90 percent are vaccinated. How many people is that?**

- A 1800
- B 850
- C 950
- D 900

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22 **What is an antitoxin?**

A a white blood cell

B a vaccine ingredient

C a chemical that neutralises a toxin

D a poison made by bacteria in the body

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23 **Why should a course of antibiotics be finished?**

A to save money on medicine

B to kill all the bacteria

C to stop side effects

D to prevent an allergic reaction

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

A 17

B 19

C 18

D 16

Understand It with Pulse | Flag a mistake

25 **What do antibiotics kill?**

A fungi

B viruses

C protists

D bacteria

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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