ENGLAND GCSE BIOLOGY OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 2 · 25 QUESTIONS

Keeping Healthy — 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 measures temperature in degrees Celsius. What is the freezing point of water on this scale?**

A 100

B 32

C 0

D 10

Understand It with Pulse | Flag a mistake

2 **Eggs are produced by hens. What is the female reproductive cell called?**

A a sperm cell

B an egg cell

C an embryo

D a zygote

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

A the petal

B the stigma

C the anther

D the ovary

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4 **A yellow school bus stops at a station. What happens to its speed?**

A it becomes negative

B it increases

C it stays the same

D it becomes zero

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5 **A brown dog is bitten by a tick. Ticks can spread disease. How is the disease spread?**

A through the air

B through water

C by a vector

D by touch

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6 **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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7 **What does a vaccine contain?**

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

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8 **What is a benign tumour?**

A a tumour that spreads around the body

B a tumour caused by a virus

C a tumour that cannot be treated

D a tumour that stays in one place

Understand It with Pulse | Flag a mistake

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

A 60

B 160

C 80

D 40

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10 **What is herd immunity?**

A protection when most are immune

B immunity passed from mother to baby

C immunity from a single vaccine dose

D immunity after catching a disease

Understand It with Pulse | Flag a mistake

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

A 950

B 1800

C 900

D 850

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12 **Why does a plant with a viral disease photosynthesise less?**

A leaves have less chlorophyll

B the stem stops growing

C the flowers fall off first

D the roots stop taking in water

Understand It with Pulse | Flag a mistake

13 **Which of these increases the risk of cancer?**

A eating fruit

B exercising

C smoking

D drinking water

Understand It with Pulse | Flag a mistake

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

- A viruses are not alive at all
- B viruses are too small to see
- C viruses are too big to be killed
- D viruses live inside cells

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15 **What is antibiotic resistance?**

- A antibiotics stop working in cold weather
- B people become allergic to antibiotics
- C bacteria are killed too slowly
- D bacteria evolve to survive antibiotics

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16 **A vaccine is given to 17 out of every 20 people in a school of 2000 pupils. How many pupils receive the vaccine?**

- A 300
- B 170
- C 1700
- D 1717

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17 **How is malaria spread?**

- A by mosquito bites
- B through coughing
- C through skin contact
- D through dirty water

Understand It with Pulse | Flag a mistake

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

A athlete's foot

B tuberculosis

C measles

D malaria

Understand It with Pulse | Flag a mistake

19 **What is a malignant tumour?**

A a harmless lump of cells

B a tumour that shrinks on its own

C a tumour that stays in one place

D a tumour that spreads nearby

Understand It with Pulse | Flag a mistake

20 **Cases of a disease double every week. There are 50 cases now. How many cases will there be in 2 weeks?**

- A 150
- B 400
- C 200
- D 100

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21 **What are memory cells?**

- A cells that digest food
- B cells that make red blood cells
- C cells that remember a pathogen
- D cells that store memories in the brain

Understand It with Pulse | Flag a mistake

22 **What is an antibiotic?**

A a vaccine

B a drug that kills bacteria

C a painkiller

D a drug that kills viruses only

Understand It with Pulse | Flag a mistake

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

A 187

B 17

C 30

D 170

Understand It with Pulse | Flag a mistake

24 **How does stomach acid protect the body?**

A it digests white blood cells

B it kills pathogens in food

C it blocks the nose

D it makes antibodies

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25 **How does antibiotic resistance spread in bacteria?**

A resistant bacteria survive and reproduce

B viruses carry resistance to bacteria

C antibiotics change the bacteria genes directly

D bacteria learn to avoid antibiotics

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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