ENGLAND GCSE BIOLOGY EDEXCEL HIGHER · 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 **Red apples contain vitamin C. What is vitamin C needed for?**

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

Understand It with Pulse | Flag a mistake

2 **A thermometer shows a child has a temperature of 39 degrees Celsius. What does a high temperature suggest?**

- A the body is fighting an infection
- B the child is dehydrated
- C the child needs more sleep and rest tonight
- D the body is too cold

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

5 **A school lunch tray holds a meal. Why do we need food?**

- A for fun only, not for health
- B for energy and growth
- C to stay awake at night
- D to feel full after eating

Understand It with Pulse | Flag a mistake

6 **A peach tree flowers in spring. What do bees carry between flowers?**

- A seeds
- B pollen
- C water
- D leaves

Understand It with Pulse | Flag a mistake

7 **Which is a mechanical defence of a plant?**

- A a waxy cuticle
- B a bitter tasting poison
- C thorns on the stem
- D an antimicrobial chemical in the sap

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

9 **Which drug was the first antibiotic?**

- A aspirin
- B paracetamol
- C penicillin
- D insulin

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

11 **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

Understand It with Pulse | Flag a mistake

12 **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 170
- C 187
- D 17

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

14 **What are memory cells?**

A cells that make red blood cells

B cells that digest food

C cells that store memories in the brain

D cells that remember a pathogen

Understand It with Pulse | Flag a mistake

15 **What is herd immunity?**

A vaccines work on animals

B most people are immune so disease cannot spread

C animals protect humans

D everyone in the population catches the disease at once

Understand It with Pulse | Flag a mistake

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

A make them reproduce

B feed them

C carry them in the blood

D engulf and digest them

Understand It with Pulse | Flag a mistake

17 **Two antibiotic discs give zones of inhibition of 8 mm and 14 mm. Which antibiotic is more effective?**

A the 14 mm one

B the 8 mm one

C neither, zones do not show this

D they are equally effective

Understand It with Pulse | Flag a mistake

18 **What is a side effect of monoclonal antibody treatment?**

A they stop the immune system working

B they make the patient infertile

C they may bind to healthy cells

D they always cure the cancer

Understand It with Pulse | Flag a mistake

19 **What is drug development?**

A banning medicines from use

B making new diseases in labs

C testing new medicines

D selling medicines in shops

Understand It with Pulse | Flag a mistake

20 **What is a malignant tumour?**

A a tumour that shrinks on its own

B a tumour that spreads nearby

C a harmless lump of cells

D a tumour that stays in one place

Understand It with Pulse | Flag a mistake

21 **A person is exposed to a disease on day 10. The incubation period is 3 days. On which day do symptoms start?**

A 15

B 14

C 12

D 13

Understand It with Pulse | Flag a mistake

22 **What do antibiotics kill?**

A protists

B viruses

C bacteria

D fungi

Understand It with Pulse | Flag a mistake

23 **How is malaria spread?**

A through skin contact

B through dirty water

C through coughing

D by mosquito bites

Understand It with Pulse | Flag a mistake

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

- A 40
- B 160
- C 60
- D 80

Understand It with Pulse | Flag a mistake

25 **A vaccine is given to 19 out of every 20 people in a school of 1000 pupils. How many pupils receive the vaccine?**

- A 50
- B 950
- C 969
- D 95

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.