ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · UNIT 7 · 25 QUESTIONS

Animal Coordination, Control and Homeostasis — 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 **Eggs can carry Salmonella bacteria. What should you do before eating eggs?**

- A wash them in cold water
- B cook them thoroughly
- C leave them in the sun
- D eat them raw

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

3 **A sandwich contains bread and cheese. Where does digestion begin?**

- A in the stomach
- B in the large intestine
- C in the small intestine
- D in the mouth

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

5 **A thermometer shows a runner's skin temperature falls after she starts sweating. Why?**

- A sweat makes the blood thicker and slower
- B sweat warms the skin
- C evaporating sweat takes heat away
- D sweat blocks heat loss

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

7 **How does shivering help when the body is cold?**

- A the skin loses heat
- B blood flow increases
- C muscles use less energy
- D muscles release heat

Understand It with Pulse | Flag a mistake

8 **What does ethene do?**

A it ripens fruit

B it starts seed germination

C it bends shoots to light

D it makes roots grow faster

Understand It with Pulse | Flag a mistake

9 **Body temperature is 37 degrees Celsius. It rises by 1 degrees. What is the temperature now?**

A 39 degrees Celsius

B 40 degrees Celsius

C 38 degrees Celsius

D 37 degrees Celsius

Understand It with Pulse | Flag a mistake

10 **How does the contraceptive pill work?**

A it kills sperm in the womb

B it blocks the fallopian tubes

C it thickens the uterus lining

D it stops ovulation

Understand It with Pulse | Flag a mistake

11 **What is urea?**

A a sugar stored in the liver

B a hormone that controls water

C a salt lost in sweat

D waste from protein breakdown

Understand It with Pulse | Flag a mistake

12 **What does ADH do?**

A increases water reabsorption

B increases urine volume

C stops the kidneys working

D decreases water reabsorption

Understand It with Pulse | Flag a mistake

13 **What is glucagon?**

A an enzyme

B a nerve signal

C a hormone that raises blood glucose

D a hormone that lowers blood glucose

Understand It with Pulse | Flag a mistake

14 **How is type 1 diabetes treated?**

- A with exercise alone
- B with glucagon injections
- C with insulin injections
- D with a low fat diet only

Understand It with Pulse | Flag a mistake

15 **What happens to blood vessels in the skin when the body is hot?**

- A they move deeper into the skin
- B they widen to lose heat
- C they narrow to keep heat in
- D they close completely

Understand It with Pulse | Flag a mistake

16 **What is phototropism?**

A growth away from light

B growth towards water

C growth towards gravity

D growth towards light

Understand It with Pulse | Flag a mistake

17 **Blood glucose falls from 10 mmol per litre to 5 mmol per litre. What is the fall?**

A 6 mmol/L

B 5 mmol/L

C 4 mmol/L

D 7 mmol/L

Understand It with Pulse | Flag a mistake

18 **Why does a shoot bend towards light?**

A more auxin on the shaded side

B the roots pull the shoot over

C the lit side grows faster

D auxin builds up on the lit side

Understand It with Pulse | Flag a mistake

19 **Body temperature is 37 degrees Celsius. It rises by 2 degrees. What is the temperature now?**

A 40 degrees Celsius

B 39 degrees Celsius

C 38 degrees Celsius

D 41 degrees Celsius

Understand It with Pulse | Flag a mistake

20 **What does oestrogen do?**

A it stimulates eggs to mature

B it thickens the uterus lining

C it maintains the lining after ovulation

D it triggers ovulation

Understand It with Pulse | Flag a mistake

21 **What does the kidney do?**

A it produces red blood cells

B it makes insulin

C it filters the blood

D it stores glucose as glycogen

Understand It with Pulse | Flag a mistake

22 **What is insulin?**

A a nerve signal

B a hormone that raises blood glucose

C a hormone that lowers blood glucose

D an enzyme that digests glucose

Understand It with Pulse | Flag a mistake

23 **What does glucagon do?**

A it stores glucose as glycogen

B it lowers blood glucose

C it stops the liver releasing glucose

D it raises blood glucose

Understand It with Pulse | Flag a mistake

24 **What happens to blood vessels in the skin when the body is cold?**

- A they widen to lose heat
- B they narrow to keep heat in
- C they close completely
- D they move closer to the surface

Understand It with Pulse | Flag a mistake

25 **What do gibberellins do?**

- A they ripen fruit
- B they bend shoots to light
- C they start germination
- D they stop roots growing

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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