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

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

Understand It with Pulse | Flag a mistake

2 **Eggs contain protein. Which part of the egg is mostly protein?**

A the shell

B the white

C the air sac

D the yolk

Understand It with Pulse | Flag a mistake

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

A evaporating sweat takes heat away

B sweat warms the skin

C sweat makes the blood thicker and slower

D sweat blocks heat loss

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

7 **Which plant hormone ripens fruit?**

- A ethene
- B auxin
- C adrenaline
- D gibberellin

Understand It with Pulse | Flag a mistake

8 **What is an advantage of a kidney transplant over dialysis?**

A no risk of rejection by the body

B no donor is needed

C no regular hospital sessions

D no drugs are needed afterwards

Understand It with Pulse | Flag a mistake

9 **What does glucagon do?**

A it stores glucose as glycogen

B it raises blood glucose

C it lowers blood glucose

D it stops the liver releasing glucose

Understand It with Pulse | Flag a mistake

10 **What does progesterone do?**

A it maintains the uterus lining

B it triggers ovulation

C it thickens the lining before ovulation

D it stimulates eggs to mature

Understand It with Pulse | Flag a mistake

11 **Where is body temperature monitored?**

A in the heart

B in the liver

C in the skin only

D in the brain

Understand It with Pulse | Flag a mistake

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

A the lit side grows faster

B more auxin on the shaded side

C the roots pull the shoot over

D auxin builds up on the lit side

Understand It with Pulse | Flag a mistake

13 **Body temperature is 37 degrees Celsius. It rises by 3 degrees. What is the temperature now?**

A 42 degrees Celsius

B 39 degrees Celsius

C 40 degrees Celsius

D 41 degrees Celsius

Understand It with Pulse | Flag a mistake

14 **What is vasodilation?**

A blood vessels near the skin narrow

B blood vessels near the skin widen

C the heart beats faster

D sweat glands close

Understand It with Pulse | Flag a mistake

15 **What is glucagon?**

A a hormone that lowers blood glucose

B a hormone that raises blood glucose

C a nerve signal

D an enzyme

Understand It with Pulse | Flag a mistake

16 **Which gland makes insulin?**

A the adrenal gland

B the thyroid

C the pituitary

D the pancreas

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 4 mmol/L

B 5 mmol/L

C 6 mmol/L

D 7 mmol/L

Understand It with Pulse | Flag a mistake

18 **What happens when ADH levels are low?**

A a small volume of concentrated urine

B a small volume of dilute urine

C a large volume of dilute urine

D no urine at all

Understand It with Pulse | Flag a mistake

19 **What causes type 1 diabetes?**

A the body cells resist insulin

B the liver stores too much glycogen

C no insulin is made

D too much sugar in the diet

Understand It with Pulse | Flag a mistake

20 **What do gibberellins do?**

A they bend shoots to light

B they ripen fruit

C they stop roots growing

D they start germination

Understand It with Pulse | Flag a mistake

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

A muscles release heat

B blood flow increases

C the skin loses heat

D muscles use less energy

Understand It with Pulse | Flag a mistake

22 **What is ADH?**

A a hormone that controls glucose levels

B a hormone that controls water balance

C a hormone that controls growth in children

D a hormone that controls sleep at night

Understand It with Pulse | Flag a mistake

23 **Blood glucose falls from 8 mmol per litre to 5 mmol per litre. What is the fall?**

A 5 mmol/L

B 3 mmol/L

C 4 mmol/L

D 2 mmol/L

Understand It with Pulse | Flag a mistake

24 **What is a risk factor for type 2 diabetes?**

A eating vegetables

B exercising daily

C being underweight

D being overweight

Understand It with Pulse | Flag a mistake

25 **What is phototropism?**

A growth towards gravity

B growth away from light

C growth towards light

D growth towards water

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.