ENGLAND GCSE BIOLOGY EDEXCEL HIGHER · 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 leave them in the sun
- B eat them raw
- C wash them in cold water
- D cook them thoroughly

Understand It with Pulse | Flag a mistake

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

A in the mouth

B in the small intestine

C in the large intestine

D in the stomach

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

A the ovary

B the anther

C the petal

D the stigma

Understand It with Pulse | Flag a mistake

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

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

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5 **Red apples provide energy. Which nutrient in apples provides most energy?**

- A fibre, for digestion
- B protein, for growth
- C carbohydrates
- D fat, for insulation

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

7 **What does the kidney do?**

- A it filters the blood
- B it stores glucose as glycogen
- C it makes insulin
- D it produces red blood cells

Understand It with Pulse | Flag a mistake

8 **How do hormones travel around the body?**

A in the lymph only

B along nerves

C through the skin

D in the blood

Understand It with Pulse | Flag a mistake

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

A 4 mmol/L

B 2 mmol/L

C 3 mmol/L

D 5 mmol/L

Understand It with Pulse | Flag a mistake

10 **Which plant hormone makes shoots bend towards light?**

A auxin

B ethene

C insulin

D gibberellin

Understand It with Pulse | Flag a mistake

11 **What does glucagon do?**

A makes insulin

B breaks down insulin

C raises blood glucose

D lowers blood glucose

Understand It with Pulse | Flag a mistake

12 **What is ADH?**

A a hormone that controls growth in children

B a hormone that controls glucose levels

C a hormone that controls water balance

D a hormone that controls sleep at night

Understand It with Pulse | Flag a mistake

13 **How does sweating cool the body?**

A sweat carries heat into the blood

B sweat evaporates from the skin

C sweat warms the skin surface

D sweat blocks the pores

Understand It with Pulse | Flag a mistake

14 **What does ADH do?**

A decreases water reabsorption

B stops the kidneys working

C increases water reabsorption

D increases urine volume

Understand It with Pulse | Flag a mistake

15 **What causes type 2 diabetes?**

A the kidneys remove too much glucose

B the liver makes too much insulin

C the pancreas makes no insulin

D cells stop responding to insulin

Understand It with Pulse | Flag a mistake

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

A 40 degrees Celsius

B 39 degrees Celsius

C 41 degrees Celsius

D 42 degrees Celsius

Understand It with Pulse | Flag a mistake

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

A muscles use less energy

B muscles release heat

C the skin loses heat

D blood flow increases

Understand It with Pulse | Flag a mistake

18 **What is IVF?**

A a type of contraception used by couples

B fertilisation outside the body

C fertilisation inside the womb

D a hormone treatment for diabetes

Understand It with Pulse | Flag a mistake

19 **What are auxins used for in farming?**

A to stop plants growing tall

B as weedkillers

C to make seeds germinate

D to ripen fruit quickly

Understand It with Pulse | Flag a mistake

20 **Blood glucose falls from 9 mmol per litre to 4 mmol per litre. What is the fall?**

- A 6 mmol/L
- B 4 mmol/L
- C 7 mmol/L
- D 5 mmol/L

Understand It with Pulse | Flag a mistake

21 **After a meal, blood glucose rises. What happens next?**

- A nothing happens
- B insulin is released
- C adrenaline is released
- D glucagon is released

Understand It with Pulse | Flag a mistake

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

A they close completely

B they widen to lose heat

C they narrow to keep heat in

D they move deeper into the skin

Understand It with Pulse | Flag a mistake

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

A with exercise alone

B with insulin injections

C with a low fat diet only

D with glucagon injections

Understand It with Pulse | Flag a mistake

24 **How does the body lose heat when it is too hot?**

A by sweating

B by vasoconstriction

C by growing hair

D by shivering

Understand It with Pulse | Flag a mistake

25 **What is a disadvantage of IVF?**

A it always produces twins

B it often fails

C it changes the genes of the baby

D it can only be done once

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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