ENGLAND GCSE COMBINED SCIENCE AQA SYNERGY HIGHER · UNIT 3 · 10 QUESTIONS

Interactions with the Environment — 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 brown dog is vaccinated. What does the vaccine contain?**

A an antibiotic

B a dead or weakened pathogen

C a live dangerous pathogen that causes disease

D white blood cells

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3 **Rabbits with white fur survive better in snow. What is this an example of?**

A natural selection

B mutation

C artificial selection

D extinction

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4 **Why are quadrats placed randomly?**

A to save time

B to avoid counting

C to find the most organisms

D to get a fair sample

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5 **Seabirds nest on cliffs. What does the cliff provide?**

A water for drinking

B warmth in winter

C food for the chicks

D a safe nesting site

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

A tuberculosis

B athlete's foot

C measles

D malaria

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7 **A thermometer measures temperature in degrees Celsius. What is the freezing point of water on this scale?**

A 100

B 10

C 32

D 0

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8 **A forest provides a habitat. What does habitat mean?**

- A when an organism sleeps
- B where an organism lives
- C what an organism eats
- D how an organism breeds

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9 **Which of these diseases is caused by a virus?**

- A salmonella food poisoning
- B malaria
- C athlete's foot
- D measles

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10 **Which of these is a risk factor for lung cancer?**

A drinking water

B exercising

C smoking

D eating vegetables

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ANSWER KEY

1. B
2. B
3. A
4. D
5. D
6. C
7. D
8. B
9. D
10. C

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