ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · UNIT 2 · 10 QUESTIONS

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

A vitamins, for health

B proteins, for growth

C fats, for insulation

D carbohydrates

Understand It with Pulse | Flag a mistake

2 **Glass marbles in a tray are used as a model for particles in a solid. What do the marbles show?**

A particles are far apart from each other

B particles flow past each other easily

C particles vibrate in fixed positions

D particles move freely through space

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3 **What is the central nervous system?**

A the brain only, with no spinal cord

B all the nerves in the arms and legs

C the brain and spinal cord

D every sense organ in the body

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4 **A single bacterium divides every 20 minutes. How many bacteria are there after 4 divisions?**

A 32

B 16

C 8

D 18

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5 **Where are stem cells found in a plant?**

- A in the roots only, nowhere else
- B in the flowers only, nowhere else
- C in every leaf cell in equal numbers
- D in meristems

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6 **Why are stem cells useful in medicine?**

- A they divide only once and then stop
- B they can become many cell types
- C they carry no DNA at all
- D they are already specialised

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

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

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8 **Eggs can carry Salmonella bacteria. What should you do before eating eggs?**

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

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9 **What does a sensory neurone do?**

A carries signals to a muscle or gland

B carries signals from a receptor

C carries signals inside the brain only

D controls the heartbeat directly

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10 **What is therapeutic cloning?**

A making a copy of an adult animal

B growing plants from cuttings

C copying DNA in a laboratory

D treating disease with an embryo

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ANSWER KEY

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

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