OCR GCSE 21ST CENTURY BIOLOGY B · J257

BIOLOGY



EXAM QUESTION PACK

B6.2 HOW DO SEXUAL AND ASEXUAL REPRODUCTION AFFECT EVOLUTION? (HIGHER)

SCORE	PERCENTAGE
/7	%

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1. Jean grows geranium plants. Her favourite plant has purple flowers.

She takes a cutting from her favourite plant.

After 10 days, roots start to develop.

Explain why Jean takes a cutting from the geranium and does not grow the plant from a seed.

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[3]

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2. This question is about reproduction.

Bacteria, plants and some animals can reproduce **asexually**.

Which of the statements about asexual reproduction are true?

Put ticks (✓) in the boxes next to the correct statements.

Only female individuals are produced. ☐

The individuals produced are clones. ☐

Mutation is always involved. ☐

The individuals are produced from a sperm and an egg. ☐

The majority of individuals produced are infertile. ☐

The individuals produced have identical genes. ☐

Two parents are always involved. ☐

[2]

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3. Sea anemones can reproduce asexually.

Give **one** advantage and **one** disadvantage of this method of reproduction.

Advantage _____

_____

Disadvantage _____

_____

[2]

END OF QUESTION PAPER

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