

**AQA, OCR, Edexcel**

# GCSE Science

## GCSE Biology

### Stem Cells Questions

Name:

**M M E**

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Total Marks: /17

Q1: What type of cell is a stem cell?

\_\_\_\_\_ (1 mark)

Q2: Name 2 cell types that can be produced from animal stem cells.

1 \_\_\_\_\_

2 \_\_\_\_\_

(2marks)

Q3: Where in adults would you find stem cells?

\_\_\_\_\_ (1 mark)

Q4: Stem cells can be used to treat specific conditions. Name a condition, which can be treated using stem cells.

\_\_\_\_\_ (1 mark)

Q5: Plants contain structures of unspecialised cells. What name is given to these cell structures?

\_\_\_\_\_ (1 mark)

Q6: Give 2 ways the unspecialised cells in plants are used.

1 \_\_\_\_\_

2 \_\_\_\_\_

(2 marks)

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Q7: Cloning can be used for treatment in some conditions. Explain the advantages of using cloned stem cells to treat patients.

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(2 marks)

Q8: The use of stem cells also has some disadvantages. Name 2 social disadvantages to using stem cells and cloning.

1 \_\_\_\_\_

2 \_\_\_\_\_

(2 marks)

Q9: Stem cell cloning can also be used in plants. Discuss the uses of cloning in plants

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(5 marks)