

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Role of Biotechnology
Questions

Name:

M M E

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Total Marks: /18

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Q1: Give an example of the use of biotechnology to meet global food demands.

(1 mark)

Q2: Biotechnology allows what to be used as a food source?

(1 mark)

Q3: i) The Fungus *Fusarium* is an example of what type of food source?

(1 mark)

ii) What process is used to grow *Fusarium*?

(1 mark)

Q4: Explain how *Fusarium* is produced.

(4 marks)

Q5: Once harvested explain how *Fusarium* can be used as a food source.

(2 marks)

Q6: Give an example of where modified bacteria is used to treat disease.

(1 mark)

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Q7: Explain why *Fusarium* is a sustainable food source.

(2 marks)

Q8: Give an example of how genetically modified crops can help ease the burden of food availability.

(1 mark)

Q9: Give an example of a genetically modified crop.

(1 mark)