



Student name:

Date:



## Biotechnology

1) Define biotechnology.

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2) Give three examples of where an increase in the use of biotechnology has occurred.

i)

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ii)

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iii)

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3) How is the process of fermentation used in traditional biotechnology?

i)

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ii)

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iii)

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4) Where does the emphasis of modern biotechnology lie?

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5) How has the understanding of deoxyribonucleic acid (DNA) affected biotechnology?

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6) True or false?

Foods which have been produced from genetically modified organisms are likely to appear no different from food produced by traditional means.

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7) When does a food need to be labeled as genetically modified?

i)

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ii)

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iii)

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8) What are some of the challenges to food supply that will be encountered as the global population rises?

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