



Student name:
Date:



Biotechnology

1) Define biotechnology.

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

i)

ii)

iii)

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

i)

ii)

iii)

4) Where does the emphasis of modern biotechnology lie?



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

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.

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

i)

ii)

iii)

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