

1 A gene for insulin is taken from a human cell and placed in a bacterium.

The bacterium can then make human insulin.

What is this process called?

- A artificial selection
- B genetic engineering
- C heterozygous inheritance
- D natural selection

2 Why is yeast used in bread-making?

- A to provide carbon dioxide
- B to provide ethanol
- C to provide lactic acid
- D to provide oxygen

3 What has **not** increased the world's food production in the last 100 years?

- A artificial selection
- B herbicides
- C natural selection
- D pesticides

4 Why is yeast used in bread-making?

- A Aerobic respiration produces alcohol.
- B Aerobic respiration produces carbon dioxide.
- C Anaerobic respiration produces alcohol.
- D Anaerobic respiration produces carbon dioxide.

5 What term is used for the transference of a gene from one organism to another?

- A artificial selection
- B genetic engineering
- C mutation
- D natural selection

6 What is the role of anaerobic respiration in bread-making?

- A to produce alcohol to flavour the bread
- B to produce gas to make the bread rise
- C to release enough energy to bake the bread
- D to release enough lactic acid to kill the yeast

7 Which products of anaerobic respiration are important for making beer and bread?

	beer	bread
A	carbon dioxide	simple sugar
B	ethanol	carbon dioxide
C	lactic acid	ethanol
D	simple sugar	lactic acid