

TT26 Food processing and production: *Technological developments associated with better health and food production*

1. i) Breakfast cereals are fortified with iron by law. (1 mark)
TRUE/FALSE
- ii) Skimmed milk has to be fortified with vitamin D. (1 mark)
TRUE/FALSE
- iii) Niacin is added to flour to prevent beriberi disease. (1 mark)
TRUE/FALSE
- iv) Salt is fortified in Great Britain by law. (1 mark)
TRUE/FALSE

2. i) What is the name of the cholesterol-lowering substance added to margarine to improve cardiovascular health? (1 mark)

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ii) Name **two** conditions or diseases associated with high blood cholesterol levels. (2 marks)

1.

2.

3. List **three** foods which are fortified in the United Kingdom by law and state what substances are added to them. (3 marks)

Fortified food	Substances added

4. Discuss **two** health benefits of food fortification and provide examples to support your answer. (4 marks)

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5. Describe **four** ways in which genetically modified foods can improve human health and well-being.

(4 marks)

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6. Discuss advantages and disadvantages of three chosen food additives.

(6 marks)

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Total marks _____ /24

