
TT24 Environmental impact and sustainability of food: *Food and the environment; Sustainability of food*

1. Which of the following foods are considered seasonal (multiple answers possible)? (1 mark)

- | | |
|-----------------------------------|---------------------------------------|
| <input type="checkbox"/> Oranges | <input type="checkbox"/> Strawberries |
| <input type="checkbox"/> Cheese | <input type="checkbox"/> Ham |
| <input type="checkbox"/> Eggs | <input type="checkbox"/> Coconut oil |
| <input type="checkbox"/> Potatoes | |



2. The Soil Association is a British foundation which: (1 mark)

- A. Supports intensive farming
- B. Supports organic farming
- C. Provides antibiotics to farms
- D. Provides free high-crop GM seeds to farmers

3. i) Define food security. (1 mark)

.....

.....

ii) List **three** factors which negatively affect global food availability. (3 marks)

1.

2.

3.

4. List **three** reasons for buying locally produced food. (3 marks)

1.

.....

2.

.....

3.

.....

5. Identify **three** advantages of Fairtrade products. (3 marks)

1.

.....

2.

.....

3.

.....

6. Describe **three** ways in which GM foods help to maintain food security in the world. **(3 marks)**

- 1.
.....
- 2.
.....
- 3.
.....

7. Suggest **three** ways of preventing food waste at home. **(3 marks)**

- 1.
.....
- 2.
.....
- 3.
.....



8. i) Identify **three** recyclable materials from which food packages are made. **(1 mark)**

-
-
-

ii) Explain how food packaging affects the environment. **(2 marks)**

-
-
-

9. Discuss how sustainable farming helps to provide food for the growing world population. Provide an example to back up your reasons. **(7 marks)**

-
-
-
-
-
-
-

Continued overleaf...

.....
.....
.....
.....
.....
.....
.....
.....

10. i) Define carbon footprint. **(1 mark)**

.....
.....

ii) Define food miles. **(1 mark)**

.....
.....

iii) Discuss the impact carbon footprint and transportation of foods have on the environment. **(5 marks)**

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

Total marks _____ /35