

Exam Preparation

Multiple-Choice Questions (5 marks)

Choose the response that is correct or that **best answers** the question.

Question 1

The form of sustainability that focuses on ensuring that resources in the environment are available for future generations is:

- a. Social Sustainability.
- b. Ethical Sustainability
- c. **Environmental Sustainability.**
- d. Economic Sustainability.

Question 2

Which of the following terms is more focused on the provision of sustainable food?

- a. Food security.
- b. Social sustainability.
- c. **Food sovereignty.**
- d. Food alliance.

Question 3

In 2022, the cost of dairy food increased by 19%, vegetable oils rose up to 50%, cereals increased to 23% and the cost of sugar rose by 33%.

Source: <https://9now.nine.com.au/today/grocery-prices-expected-to-skyrocket-in-2022/f1cdbe19-edbd-4ab2-ab83-afb828fc9861>

This is an example of a lack of:

- a. **Economic sustainability.**
- b. Saving money for later use.
- c. Budgeting skills.
- d. Financial sustainability.

Question 4

What is food security?

- a. It is another term used to describe food safety.
- b. It is about ensuring that everyone can afford the cost of food.
- c. **It relates to people getting the food they need to survive.**
- d. It is when people have enough food to meet their needs and preferences.

Question 5

'One huge problem is that organic farming requires far more land than conventional farming to produce the same amount of food.'

Source: Le Page, M., *If we only ate organic it would be an environmental disaster*, 2017, *New Scientist*,
<https://www.newscientist.com/article/2153272-if-we-only-ate-organic-it-would-be-an-environmental-disaster/>.

This statement implies that:

- a. Producing organic food may decrease the incidence of food insecurity.
- b. Producing organic food may increase the incidence of food insecurity.
- c. Organic farmers can produce equal amounts of produce as conventional farmers using the same amount of land.
- d. Conventional farmers produce the same amount of food as organic farmers.

Short Answer Questions (10 marks)**Question 1** (2 marks)

- a. State one characteristic of a food system that promotes food sovereignty. (1 mark)

Any of the following responses were accepted:

- Focus on ecology and sustainability
- Empowerment of individuals and communities to make choices about their food
- Culturally appropriate and nutritious food options
- Consideration of ethics and the environment throughout the food system
- Greater control over food choices and production methods

- b. State one characteristic of a food system that promotes food security. (1 mark)

Any of the following responses were accepted:

- Physical and economic access to sufficient, safe, and nutritious food
- Meeting dietary needs and food preferences for an active and healthy life
- Availability, accessibility, and affordability of food for all individuals
- Reliable and sustainable food production and distribution
- Reduction of food waste and efficient resource management

Question 2 (5 marks)

- a. Identify one environmental trend in the food system and discuss its impact on food security. (5 marks)

The student needed to identify one environmental trend in the food system.

The student needed to discuss one positive and one negative impact of this environmental trend on food security. A sample response is written below.

One environmental trend in the food system is the increasing demand for sustainable and organic food production methods. On the one hand, sustainable and organic farming methods often prioritize soil health, biodiversity, and natural resource conservation. These practices contribute to long-term environmental sustainability by reducing soil degradation, preserving water quality, and promoting ecological resilience. On the other hand, there is a concern that organic farming, which requires more land than conventional farming to produce the same amount of food, may have limitations in meeting global food demand. As the world's population continues to grow, ensuring sufficient food production becomes a critical issue. If the shift toward sustainable and organic methods leads to a significant reduction in overall food production, it could potentially impact food security, particularly in regions where access to food is already limited.

Question 3 (3 marks)

Every Tuesday afternoon at Wallaroo Primary School in Hastings, a group of 25 students and six parents come together to participate in a weekly Community Kitchen Program. The Community Kitchen Program provides a safe and fun place for them to come together to share knowledge and skills about cooking healthy food and budgeting. The program enables participants to connect and collaborate.

Outline this program's contribution to food security.

For three marks, the student needed to outline three ways the program contributed to food security.

The Community Kitchen Program at Wallaroo Primary School contributes to food security by:

- Providing a safe and fun place for students and parents to learn about cooking healthy food and budgeting.
- Sharing knowledge and skills that empower participants to make nutritious food choices.
- Creating a sense of community and collaboration, fostering social connections and support.
- Enhancing food literacy and skills, enabling individuals to make healthier and more affordable food choices.
- Promoting the availability and accessibility of nutritious food options for the participants and their families.