Cambridge Assessment International Education

Cambridge IGCSE™

GLOBAL PERSPECTIVES **0457/11**

Paper 1 Written Examination **October/November 2021**

INSERT **1 hour 15 minutes**

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INFORMATION

- This insert contains all the sources referred to in the questions.
- You may annotate this insert and use the blank spaces for planning. **Do not write your answers** on the insert.

This document has **4** pages. Any blank pages are indicated.

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Source 1

According to the World Health Organization, transport is the fastest growing contributor to climate change. This includes the transportation of food over long distances.

There has been an increase in the international movement of food and this has raised concerns about carbon dioxide emissions associated with food transportation. In 2016 it was estimated that nearly 70 per cent of food eaten worldwide is imported from a different country.

Food grown in the United States on average travels 2000 km from source to point of sale. The average plate of food in the United States has travelled 2400 km before being eaten.

Source 2: Transporting food over long distances creates problems



Problems of transporting food over long distances
More fossil fuels used
Increased congestion
Food is less fresh when eaten
More pollution
More packaging required
Higher carbon dioxide emissions
Less business for local farmers

Source 3: It is good to transport food over long distances

I do not understand why people complain about how far our food has travelled. Producing food causes much more pollution than transporting it.

Last month I read in our local newspaper 'The Daily Post' that families like to have a better choice of food. Do they really look at the packaging to see where it comes from? Are they worried about how far it has travelled? No! They just buy it because it is their choice. As long as I can eat what I want then I am happy.

My friend owns a very large factory and transports food from 130 countries. He says he is helping more than 400 000 farmers. Last year he transported food by combining air, road and sea transport rather than just by road. Do you know what? He reduced his annual carbon emissions by 35 per cent. So that supports my view.

Advertisements showing delicious and exotic food from other countries make people want to eat different foods. Therefore people now eat a wider range of food than they did in the past. We can also have the foods we want throughout the year now, not just when they can be grown in our country.

Professor West at our local university said that our economy will improve if we trade with other countries.

Extract from a discussion on a local radio station

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Source 4: A debate about the benefits of locally produced food

Hani

My family lives on a farm so I can explain the environmental problems from my experience. That is why I am a school representative at a local environmental committee. We are discussing how transporting anything, especially food, causes a problem.

Maybe the food in your house does not come from your local community and it has travelled a long way to your local supermarket. Don't forget that travelling in a car to the supermarket adds to the world's pollution from transport.

My father is a farmer and he thinks we should all eat food that has grown locally. He says that big supermarkets who buy food from other countries are not environmentally friendly and put local farmers out of business.

Adib

Well, I do not think you and your committee understand the situation at all. My father owns a supermarket and he has to offer people what they want. He needs to offer a good range of products to make a profit. Not all of these can be produced locally.

My father recently travelled to four different countries to check that the produce he sells is the best quality. He has just arranged for it to be transported by air so that it will get here more quickly and be fresher when it is sold in the supermarket. This will increase his profits.

Think about it my friend. If your farm uses fertilizers made with fossil fuels to help your crops grow, and a tractor which burns diesel, the food will be more damaging to the local area than food sent from a distant country.

My father's supermarket has started to deliver food to customers. This will be much better for the environment than everybody driving to their local food market.

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