Cambridge Assessment International Education
Cambridge International General Certificate of Secondary Education

GLOBAL PERSPECTIVES **0457/11**

Paper 1 Written Examination **May/June 2019**

INSERT (Resource Booklet)

1 hour 15 minutes

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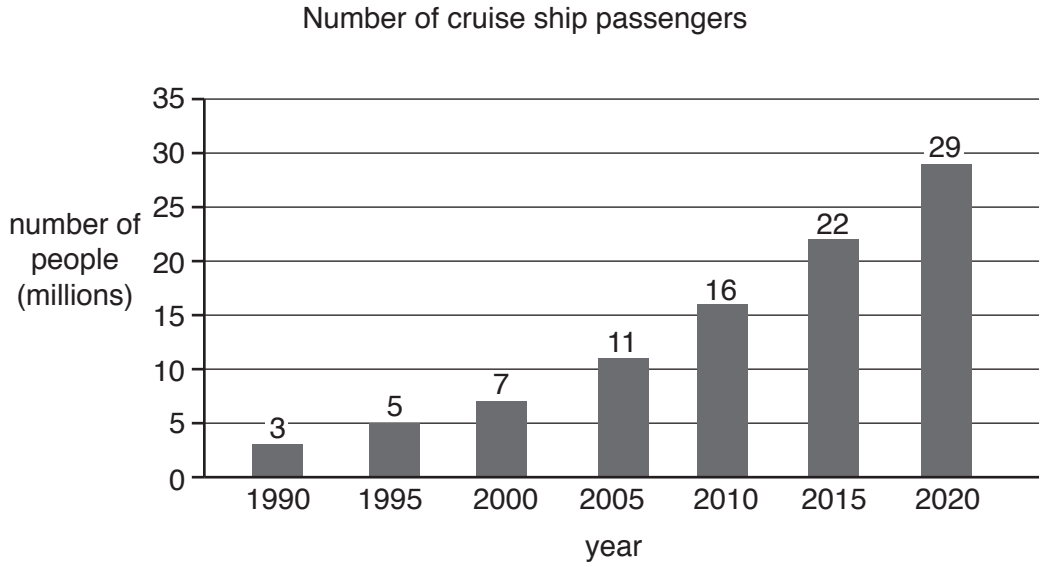
READ THESE INSTRUCTIONS FIRST

This Resource Booklet contains Sources 1 to 4. The time for reading these sources is allowed for within the time set for the examination.

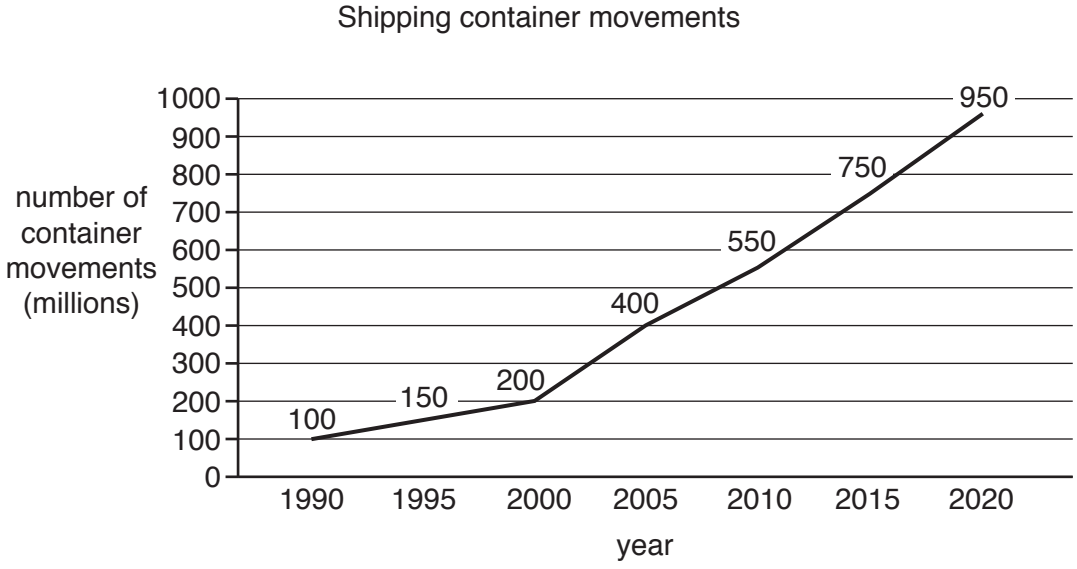
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Source 1

The international transportation of people by sea has increased. The worldwide growth in the number of passengers travelling on cruise ships is shown in the graph below.



The movement of goods by sea has also grown rapidly in the past 30 years. International trade has been boosted by the invention of container ships which carry their load in truck-sized boxes called shipping containers. The worldwide growth in the movement of shipping containers is shown in the graph below.



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Source 2

The growth in sea transportation of people and goods, also known as shipping, brings employment and has benefits for the world economy. However, there are many concerns.

Benefits of growth in sea transportation	A container ship  A cruise ship 	**Disadvantages of growth in sea transportation**
Cheaper transport		Use of limited fuel resources
Greater variety of products		Dumping of rubbish at sea
Exchange of cultures		Oil pollution
More international trade		Loss of cultural heritage
More employment		Pollution by plastic waste
Easier travel to other countries		Illegal migration and drug trafficking
More wealth for developing countries		Loss of biodiversity and marine life

Source 3: Shipping harms the environment

We need our shipping industry. It is vital for global trade and brings wealth to millions of people. Tourism brings jobs to local people and this benefits the economy. The history of human civilization is the history of travel by sea. But there are problems.

In 2008, Oxford University and the United Nations showed that large container and cruise ships destroy marine life and coral reefs, reducing biodiversity. This affects the levels of oxygen in the sea. The Guardian newspaper in the United Kingdom in 2017 said that the amount of oxygen in the oceans has fallen by 2 per cent in the past 50 years and is falling faster.

Food supplies from the sea are affected by shipping. The United States Environmental Protection Agency estimates that each 3000-passenger cruise ship dumps 210 000 gallons of sewage into our oceans every week!

We must find ways to solve these problems but also keep the benefits.

Extract from a lecture given in Europe in 2017

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Source 4: A television debate about sea pollution

Kiri

Since 2015 I have been making art works out of plastics gathered from the shore-line near my home in New Zealand. My aim is to show people that we are harming the oceans and will destroy the planet.

I have been inspired by the leader of an environmental group I discovered on the internet. She gave a fascinating talk on how to clean up the sea-shore. Her organisation educates and creates awareness about marine debris and plastic pollution through art.

I get volunteers to help me clear the local beaches of plastic that comes ashore. I use this plastic to make sculptures and then sell these to make money for projects that protect our oceans.

We are only a small group of people but we will make a difference to our coast-line. We will create global change in the future by raising awareness. We often go in to schools to teach young people about the issue.

I know that this is the best way to solve the problem. I hope people buy our art and follow our example.

Tane

Your work is beautiful and your motives are excellent. But you can't remove all plastic from the sea and we have got to stop pollution. Only international organisations can do this.

The United Nations have a wonderful 'Clean Seas' campaign. They are asking all nations to stop dumping plastic into the oceans as part of their action towards sustainable development goals. Many celebrities are backing the plan. Removing small plastic particles from cosmetics is also being promoted.

The research I did for the United Nations makes me certain that this is the best way to clean up our oceans.

A senior French politician also supports the campaign, like many other powerful people across the world. This is how to make real change happen.

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