Cambridge IGCSE

Cambridge Assessment International Education
Cambridge International General Certificate of Secondary Education

GLOBAL PERSPECTIVES **0457/11**

Paper 1 Written Examination **October/November 2019**

INSERT (Resource Booklet)

1 hour 15 minutes

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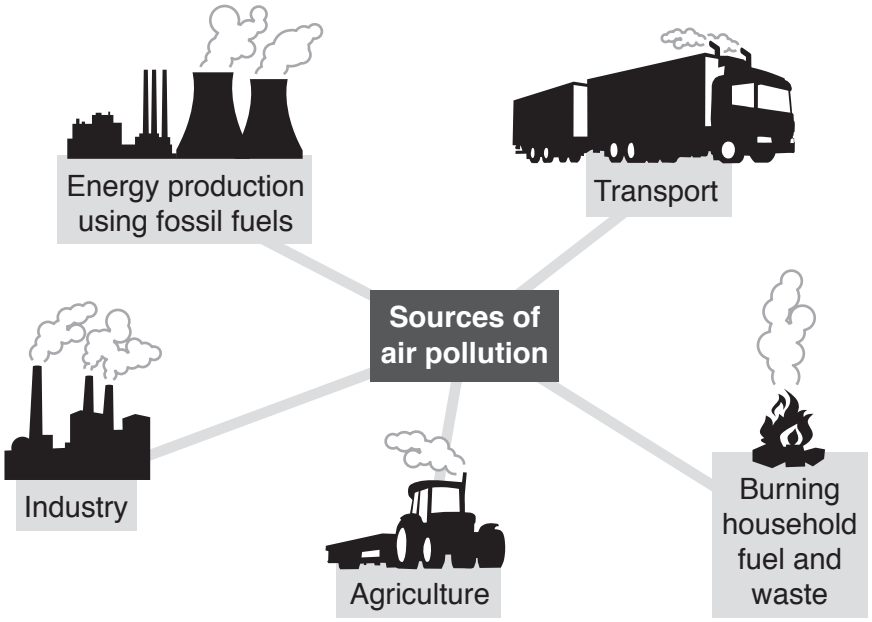
READ THESE INSTRUCTIONS FIRST

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

Air pollution refers to any substance that is introduced into the atmosphere and has a harmful effect upon the environment. According to the World Health Organisation, 92 per cent of the world's population live in places with high levels of air pollution. The following diagram shows the main sources of air pollution:



Source 2: Reducing air pollution

One way to reduce air pollution is to use cleaner forms of energy in our homes. For example, we could change to using solar or wind power as these do not rely on burning fossil fuels. Buying locally produced food would also reduce the amount of fuel used in transportation.

We should also make better choices about transport by walking, riding a bike or taking public transport.

It is also important to support leaders in our community who care about air pollution.

Source 3: Air pollution is a problem in our town

Do we want our children to grow up with health problems? I heard on the news that air pollution causes heart disease, lung cancer and asthma. Our local doctor said that more children have asthma now than in the past. I also read in a scientific magazine that more people are visiting their doctor because of breathing problems.

Air pollution from local factories is also causing smog. This makes it very difficult for us to get to work. I have seen on the television that some people need to wear masks when they go outside because of the fumes from the traffic. Air pollution also spoils the environment and harms agriculture.

Professor Brant, the director of a local energy project, is trying to persuade companies to burn less fuel. Because of her work, there has been a decrease in the use of fossil fuels locally in the last year.

Extract from an article in a local newspaper

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Source 4: A local radio debate about a proposed new power station in the area

Abdu – a local resident

Why not build it somewhere else? This power station will burn fossil fuels and create pollution. Why should we have a power station polluting the air where we live?

I already have a breathing problem because of the pollution from cars in our town. My doctor says I should move to the country where the air is cleaner. If they build the power station here, I will definitely have to move but I cannot afford this and my children do not want to leave their friends.

A power station would harm the appearance of the town. It would be noisy and ugly and would affect the value of our houses. The increased pollution would also mean that I would not be able to play outside with my children.

It is time to take action. I am going to organise a protest march. They need to listen to us.

Tadean – director of the proposed power station

Our power station needs to be close to the town so that it is easy for employees to get to work. This means there will be less pollution caused by people travelling to work.

If the power station is built in the countryside, it will cost more to transport the materials to build it. The government would also have to improve the roads leading to where the power station is built. This will make your energy more expensive and may mean higher taxes for all of you.

The town is growing and will need more energy in the future. Without the power station there will be power shortages. People will just have to tolerate the pollution if they want to keep the lights on and enjoy the benefits of modern technology.

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