

Surname	Centre Number	Candidate Number
Other Names		0

**GCSE**

4242/01



S17-4242-01-R1

GEOGRAPHY
(Specification B)
FOUNDATION TIER
UNIT 2
SECTION A

TUESDAY, 6 JUNE 2017 – AFTERNOON

30 minutes

For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.	30	

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This paper is to be collected in after 30 minutes.

INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen.

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer **all** parts of this question in parts (a) to (d). There is a choice in part (e).

Write your answers in the spaces provided in this booklet.

If additional space is required you should use the continuation lines at the end of this booklet. The question number(s) should be clearly shown.

INFORMATION FOR CANDIDATES

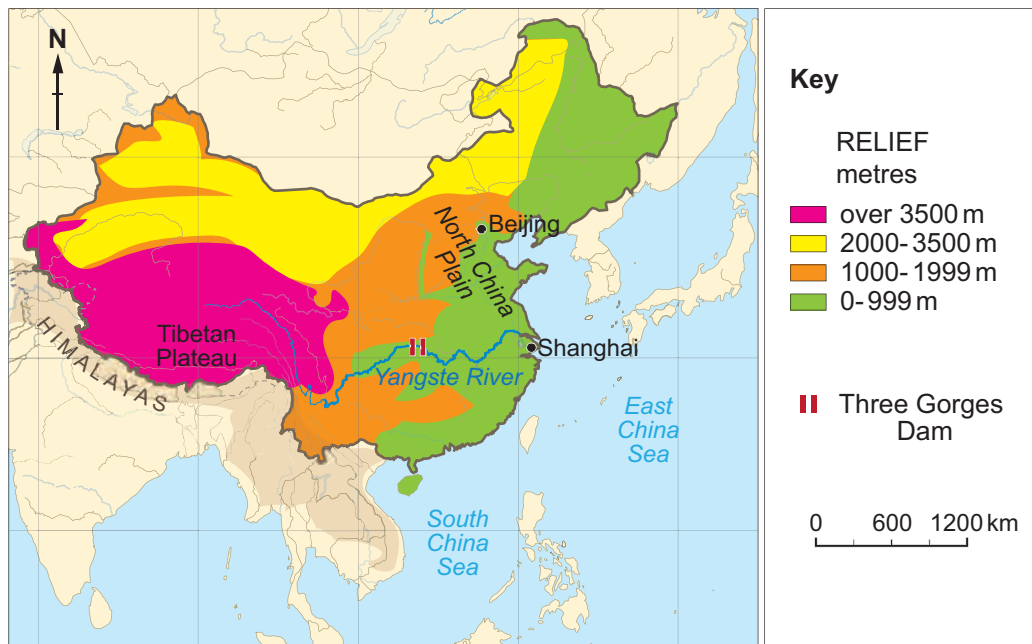
The number of marks is given in brackets [] at the end of each question or part-question.

You are reminded that assessment will take into account the quality of written communication used in the case study question.

Theme 3: UNEVEN DEVELOPMENT AND SUSTAINABLE ENVIRONMENTS

Answer all parts of (a) to (d) in this question. There is a choice of question in (e).

1. (a) Study the map below. It shows the location of the Three Gorges Dam on the Yangste River in China.



Complete the passage using the words and figures from the box below.

[4]

east	west	north	East China Sea	South China Sea	Himalayas
		3,500	400	1,300	2,000

The source of the Yangste River is located in the Tibetan Plateau where the land is over metres above sea level. The direction of flow of the river is as it flows towards the The Three Gorges Dam is located approximately kilometres from the mouth of the Yangste River.

- (b) (i) The photograph below shows the Three Gorges Dam on the Yangste River. It is an example of a multipurpose scheme.



Match each statement in the box below with the correct ending. The statements describe some of the advantages of the Three Gorges Dam. One statement has been done for you. [3]

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The dam is a tourist attraction ...
Water is provided for agriculture ...
Electricity is generated ...
Large ships can now travel 2,000 km inland ...

which helps improve income from trade.
which creates many tertiary jobs in the area.
which helps improve profit for farmers.
which reduces greenhouse gas emissions from coal-fired power stations.

- (ii) Give **two** problems caused by building large multipurpose schemes. [2]

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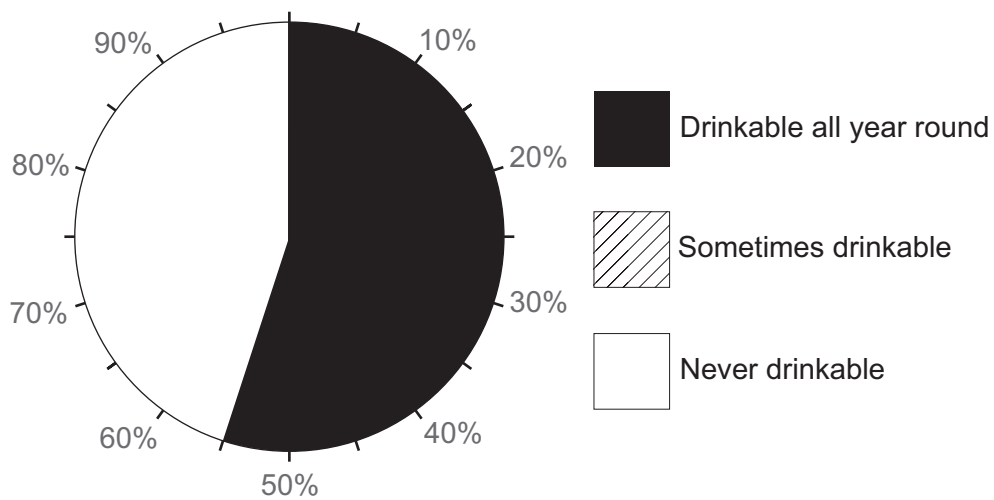
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- (c) (i) In China, pollution is an increasing problem. The table below shows information on river water quality in China.

Water Quality	Percent (%)
Drinkable all year round	55
Sometimes drinkable	40
Never drinkable	5

Use the information in the table to complete the pie chart below.

[2]



- (ii) China's largest cities also experience air pollution. The photograph below shows air pollution in Beijing, the capital city of China.



Suggest **two** ways that air pollution could have an impact on people living in Beijing. Use the photograph to help your answer. [4]

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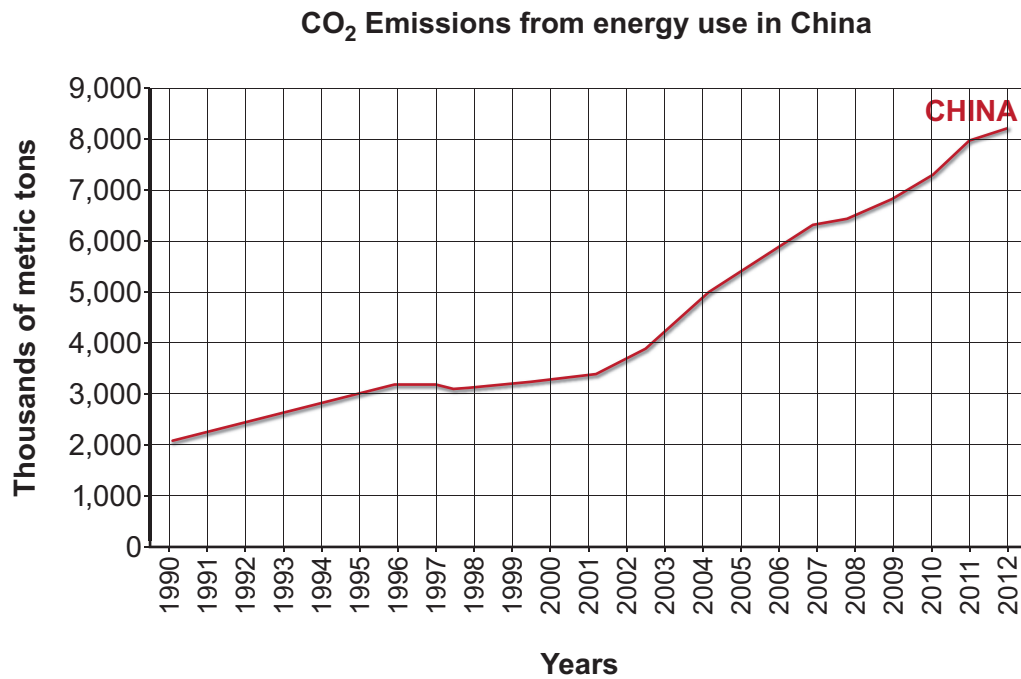
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(iii) Study the graph below.



Describe the trend in carbon dioxide (CO₂) emissions in China. Use figures from the graph to support your answer. [2]

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(d) (i) Carbon dioxide (CO₂) is a major cause of global climate change. Describe **two** impacts of climate change on the environment. [4]

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- (ii) Study the photograph below. It shows tree planting in an area of China. This is one strategy that can be used to restore damaged environments.



Suggest benefits that this strategy could have for China.

[4]

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(e) **Case studies**

Answer only **one** of the questions, **either (i) or (ii)**.

Either,

**Tick (✓)
your choice**

(i) A case study about aid:

- Name the aid project;
- Explain why the aid was needed;
- Describe the effectiveness of the aid project.

Or,

(ii) A case study about a multinational company (MNC) which has located some of its activities in a **more developed country**:

- Name the MNC and the country;
- Explain why the MNC located in this country;
- Describe the effects of the MNC locating in this country.

[5]

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