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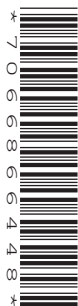
## **A Level Geography**

**H481/03** Geographical debates

Resource Booklet

**Thursday 14 June 2018 – Afternoon**

**Time allowed: 2 hours 30 minutes**



### **INFORMATION FOR CANDIDATES**

- The questions tell you which resources you need to use.
- This document consists of **4** pages.

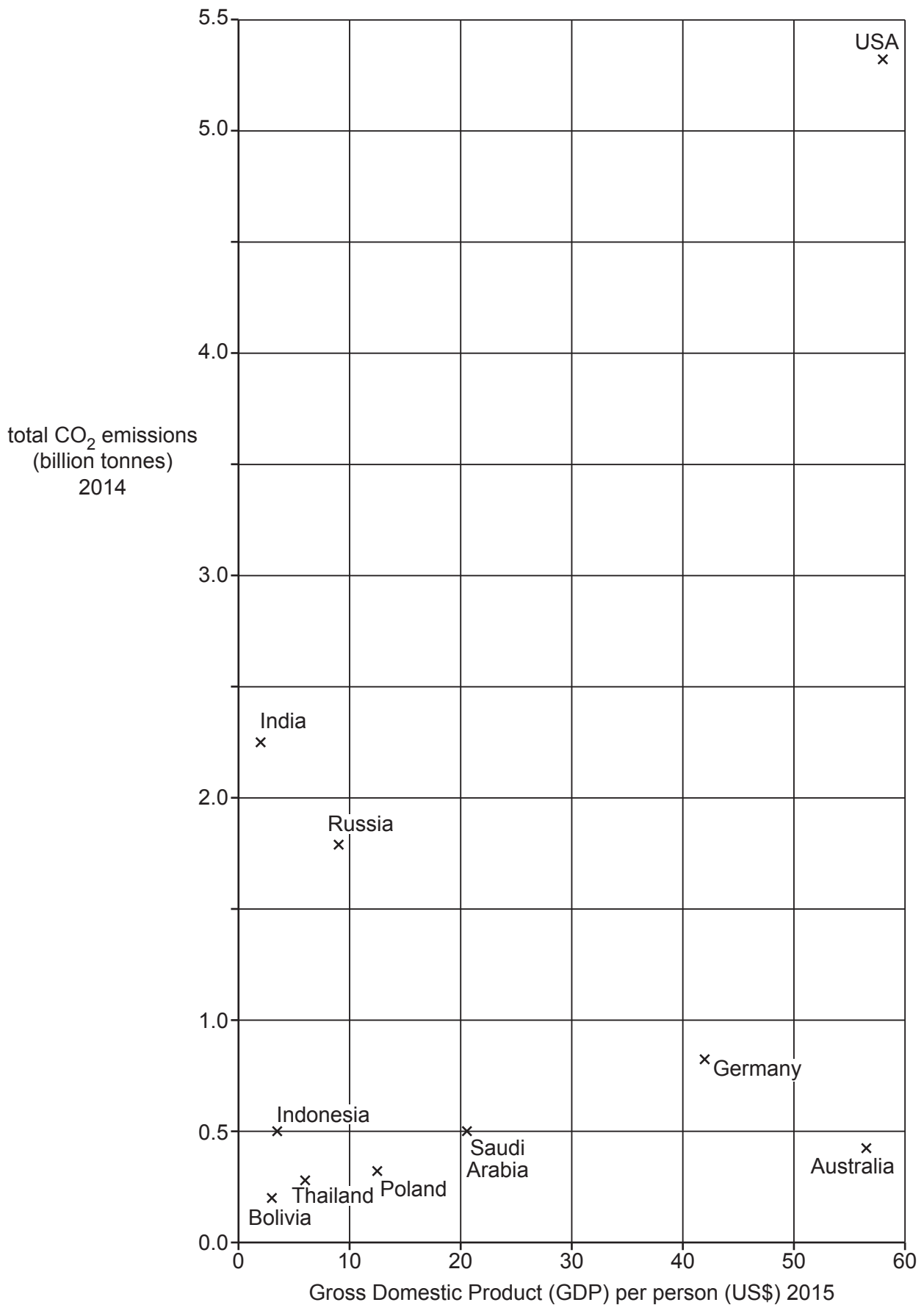
### **CONTENTS OF RESOURCE BOOKLET**

- Fig. 1 – The relationship between Gross Domestic Product (GDP) per person and total CO<sub>2</sub> emissions
- Fig. 2 – Number of deaths from cholera in 2004
- Fig. 3 – Numbers of humpback whales in selected ocean areas
- Fig. 4 – Crop spraying in Madhya Pradesh, India
- Fig. 5 – An extract adapted from a text on tectonic hazards

### **INSTRUCTIONS TO EXAMS OFFICER/INVIGILATOR**

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Fig. 1 – The relationship between Gross Domestic Product (GDP) per person and total CO<sub>2</sub> emissions



**Fig. 2 – Number of deaths from cholera in 2004**

The size of the country represents the proportion of all cholera deaths in the world that occurred in that country.

Colours are used to distinguish between different countries.

**Fig. 3 – Numbers of humpback whales in selected ocean areas**

Ocean area	Estimate of number	Year estimate made
Antarctic	42 000	1997/8
South-Eastern Pacific	6 200	2005
Off Western Australia	29 000	2008
Off Western Africa	9 800	2005
Western North Atlantic	11 600	1992/3
Off Western Greenland	2 700	2007
North Pacific	22 000	2007

**Fig. 4 – Crop spraying in Madhya Pradesh, India****Fig. 5 – An extract adapted from a text on tectonic hazards**

During the course of the twentieth century nearly 2 million people are estimated to have been killed in earthquakes. Some of these deaths resulted from very high energy events such as occurred in Sichuan province, China in May 2008. 87 150 people were killed or missing. The threat from earthquakes has continued into the twenty-first century. In Nepal in April 2015 about 8800 fatalities were recorded from the 7.8Mw (moment magnitude) 'quake. Earthquakes releasing less energy have also killed.

The economic impacts also vary. The overall damage of the Nepalese earthquake is estimated at about US\$10 billion whereas in Sichuan the reconstruction cost was put at US\$150 billion.

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