

# **A Level Geography**

## **H481/03 Geographical debates**

### **Question Set 4**

Future of Food

- 1 (a) Identify three limitations of **Fig. 1** as a source of information about the impact of food production on physical environments. [3]
- (b) Explain the theoretical views of food security offered by Malthus and Boserup. [6]

**Total Marks for Question Set 4a: 9**

**Fig. 1 – 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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