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**GEOGRAPHY (PRINCIPAL)**

**9768/04**

Paper 4 Research Topic

**May/June 2019**

INSERT

**1 hour 30 minutes**

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**READ THESE INSTRUCTIONS FIRST**

This Insert contains all the Figures referred to in the Question Paper.



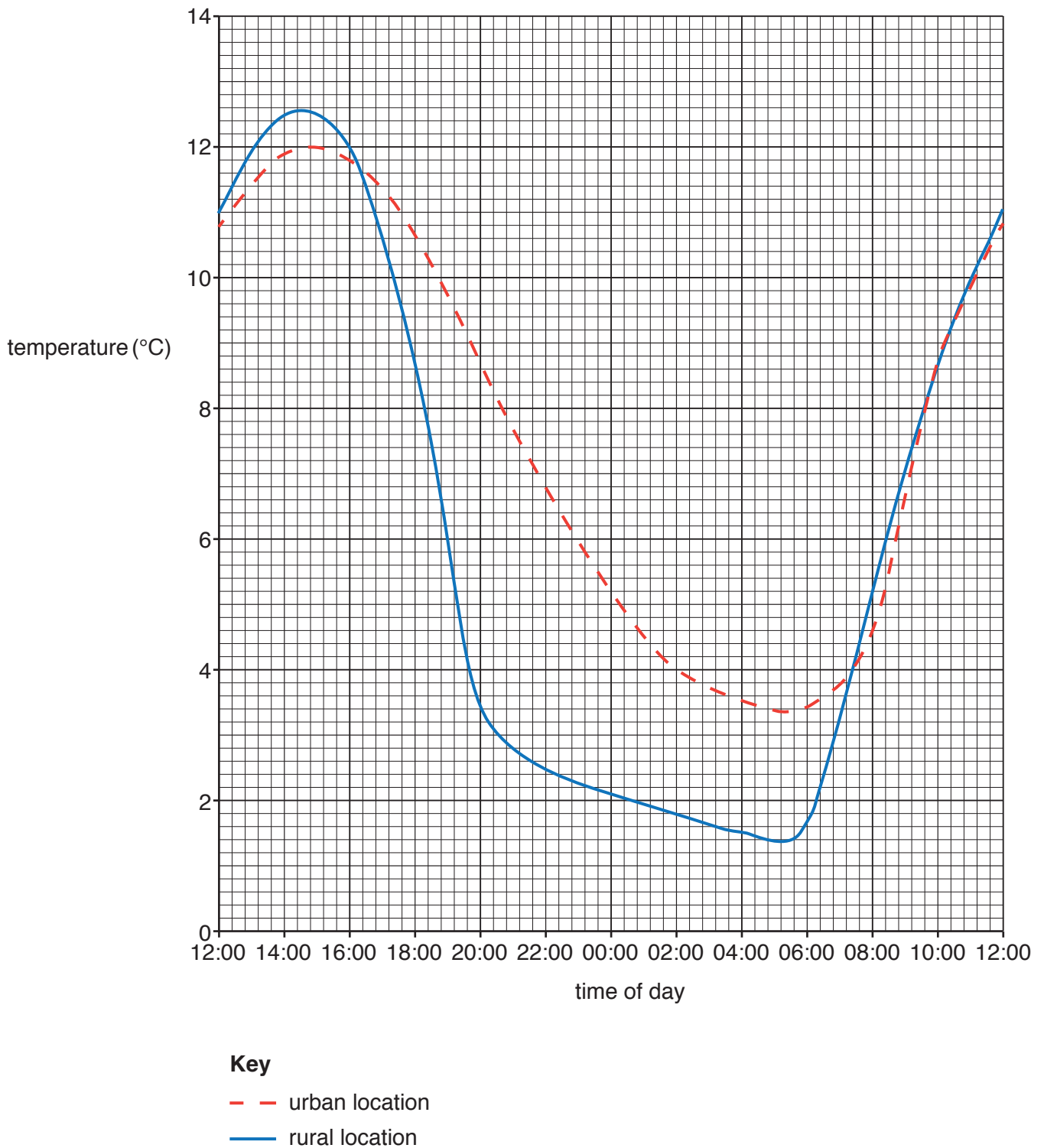
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This syllabus is regulated for use in England, Wales and Northern Ireland as a Cambridge International Level 3 Pre-U Certificate.

This document consists of **10** printed pages and **6** blank pages.

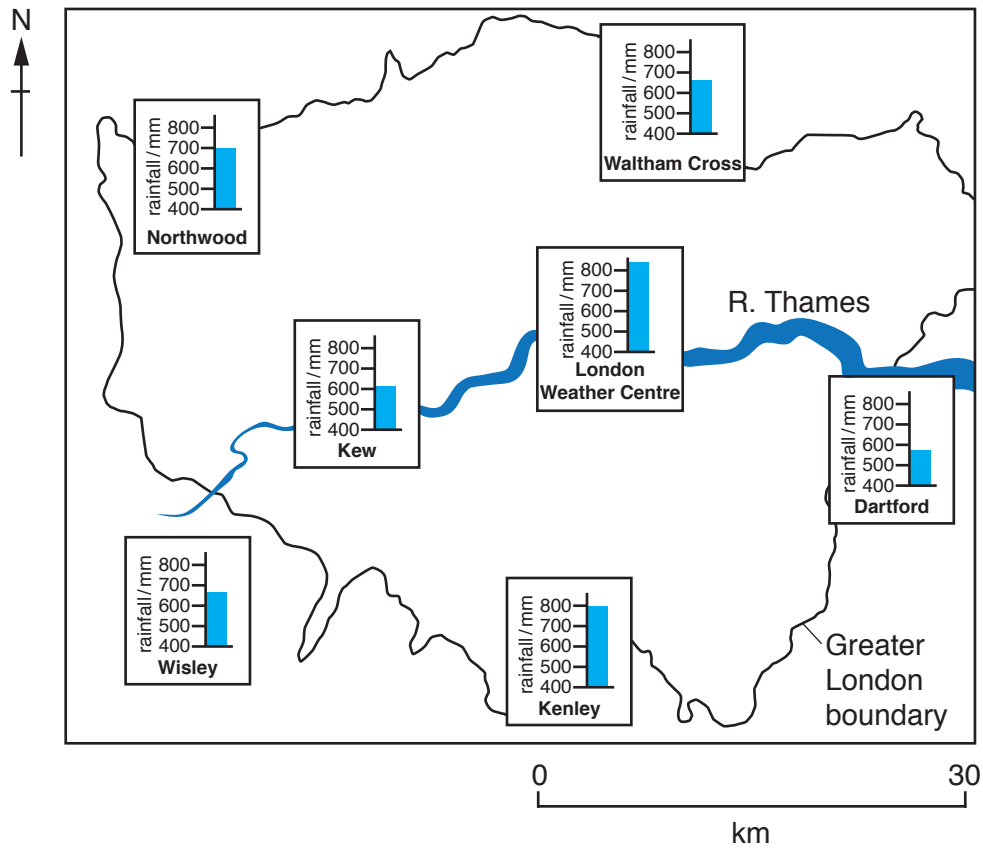
Fig. 1.1 for Question 1

Temperature throughout a 24 hour period for a location in an urban area and a location in the surrounding rural area



**Fig. 1.2 for Question 1**

Mean annual rainfall for selected weather stations in and around London, UK



**Fig. 1.3 for Question 1**

Mean annual temperature for selected weather stations in and around London, UK

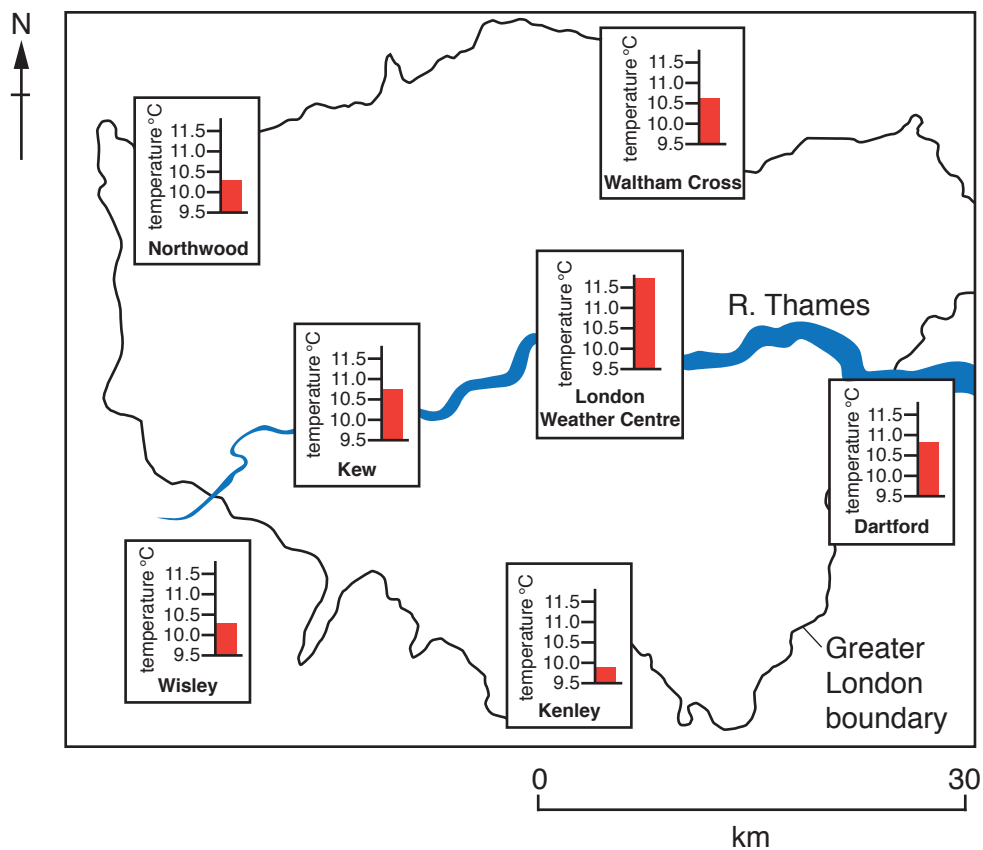
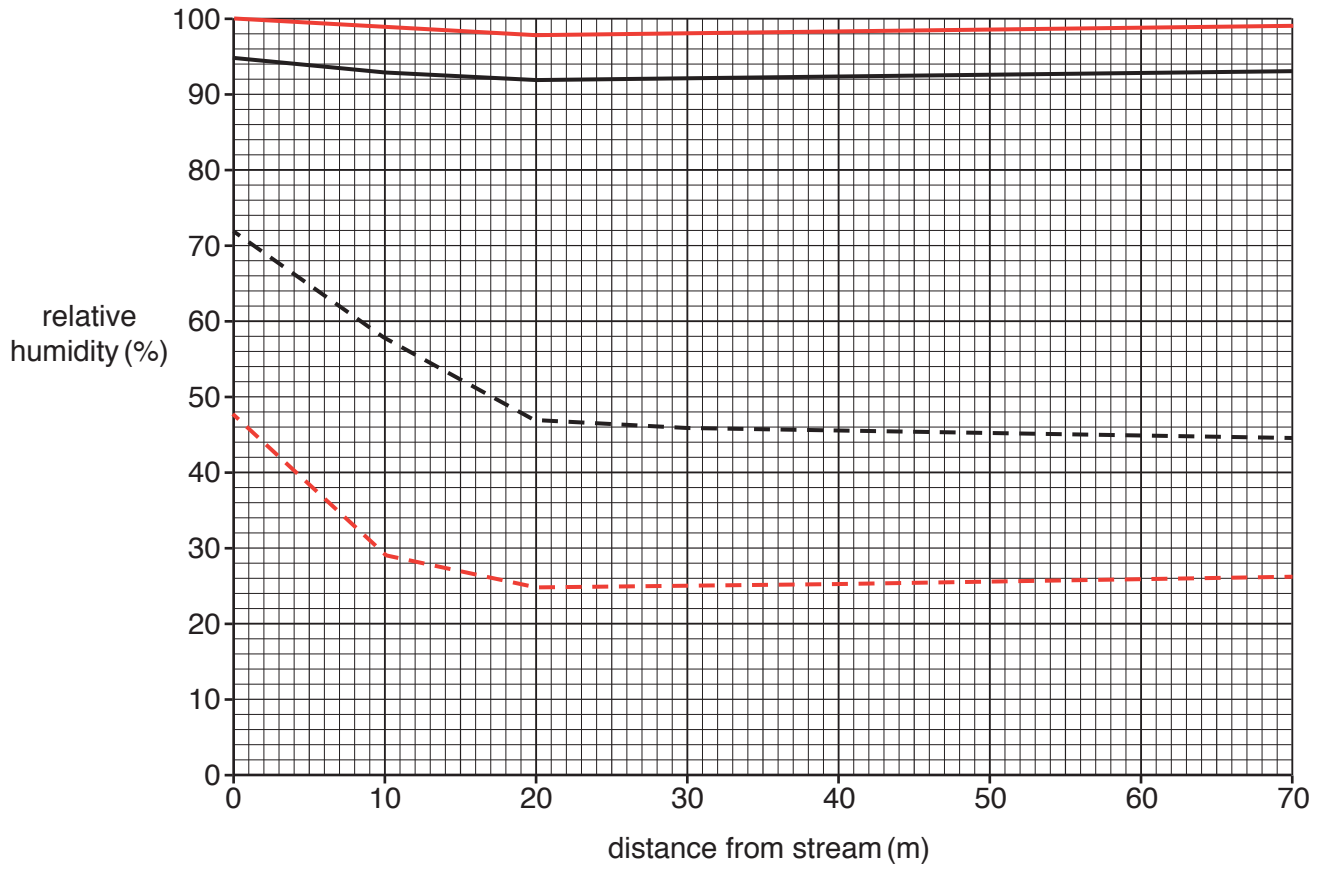


Fig. 2.1 for Question 2

Relative humidity at 06:00 and 15:00 in a forested area and a cleared area next to a stream

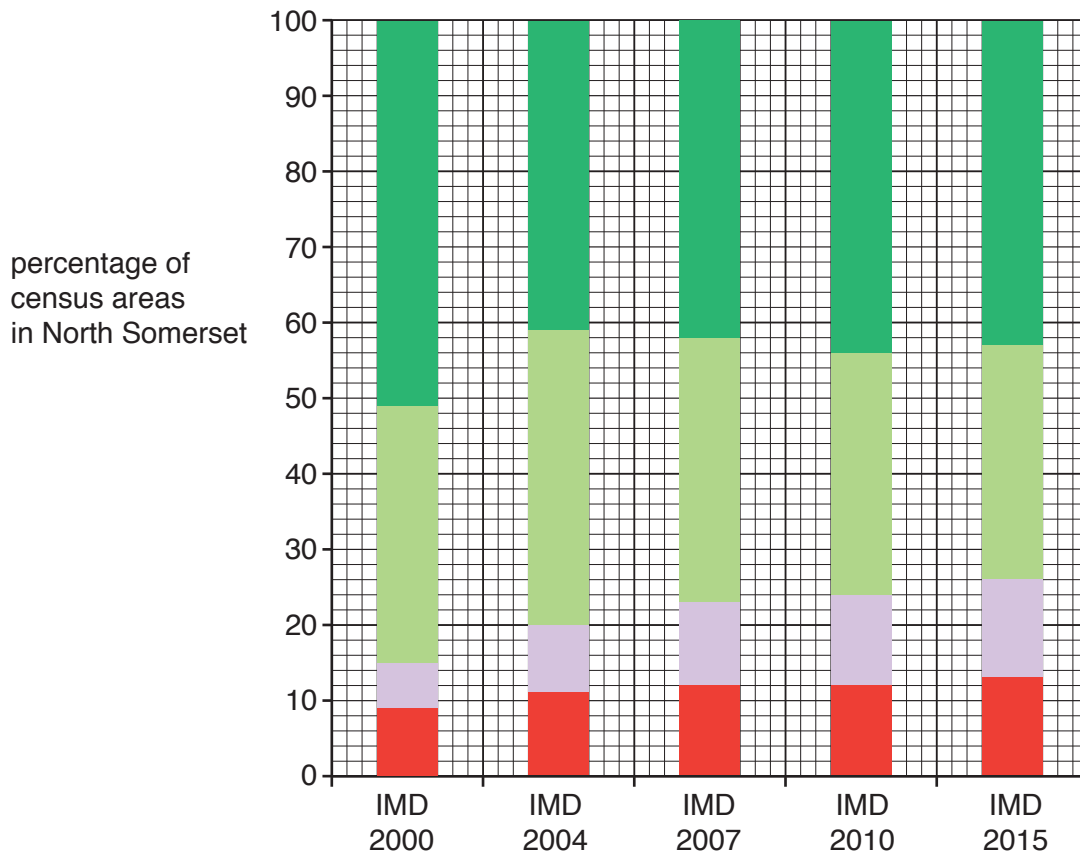
**Key**

- forested area 06:00
- - - forested area 15:00
- cleared area 06:00
- - - cleared area 15:00



Fig. 5.1 for Question 5

Index of Multiple Deprivation (IMD) for census areas in North Somerset, England, for selected years from 2000 to 2015



### Key

Deprivation group:

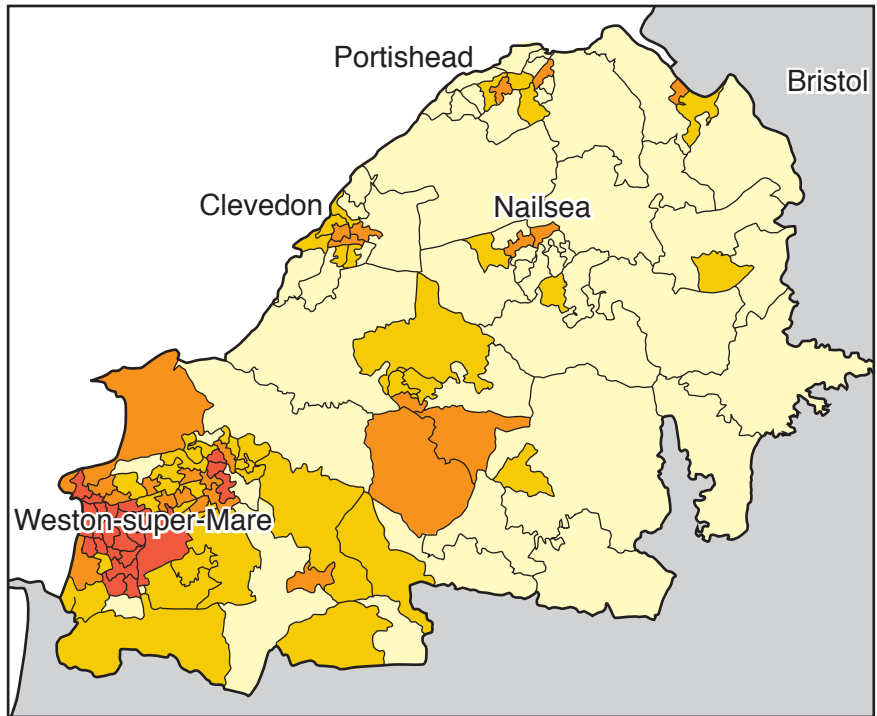
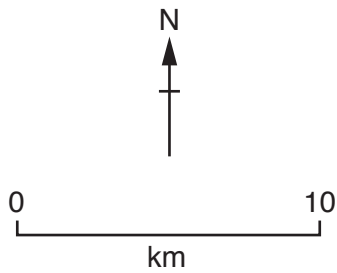
- very low deprivation – among 25% least deprived areas nationally
- low deprivation
- high deprivation
- very high deprivation – among 25% most deprived areas nationally

**Fig. 5.2 for Question 5**

Income deprivation in North Somerset, England, 2015

**Key**

- Indices of multiple deprivation 2015 – income
- in least deprived 25% of areas in England
  - between average and least deprived 25%
  - between average and most deprived 25%
  - in most deprived 25% of areas in England



**Fig. 5.3 for Question 5**

Crime deprivation in North Somerset, England, 2015

**Key**

- Indices of multiple deprivation 2015 – crime
- in least deprived 25% of areas in England
  - between average and least deprived 25%
  - between average and most deprived 25%
  - in most deprived 25% of areas in England

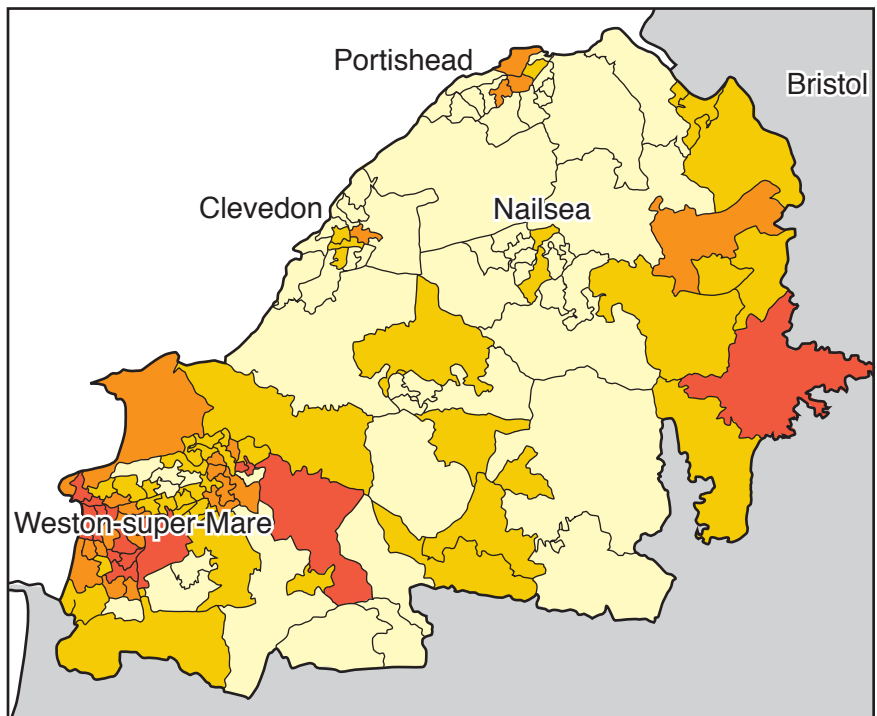
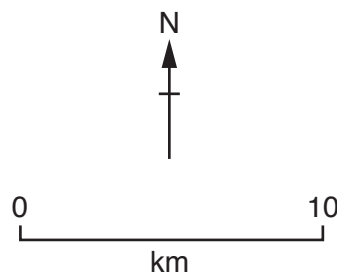


Fig. 6.1 for Question 6

Number of households by income group for rural and urban settlements in India, 2005

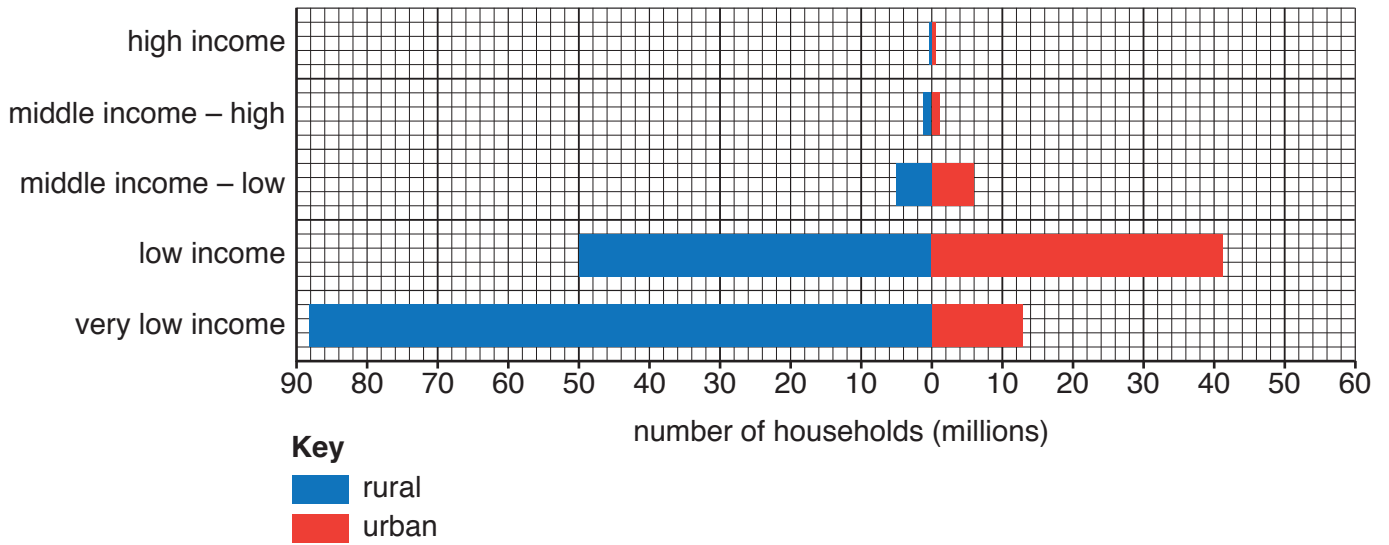
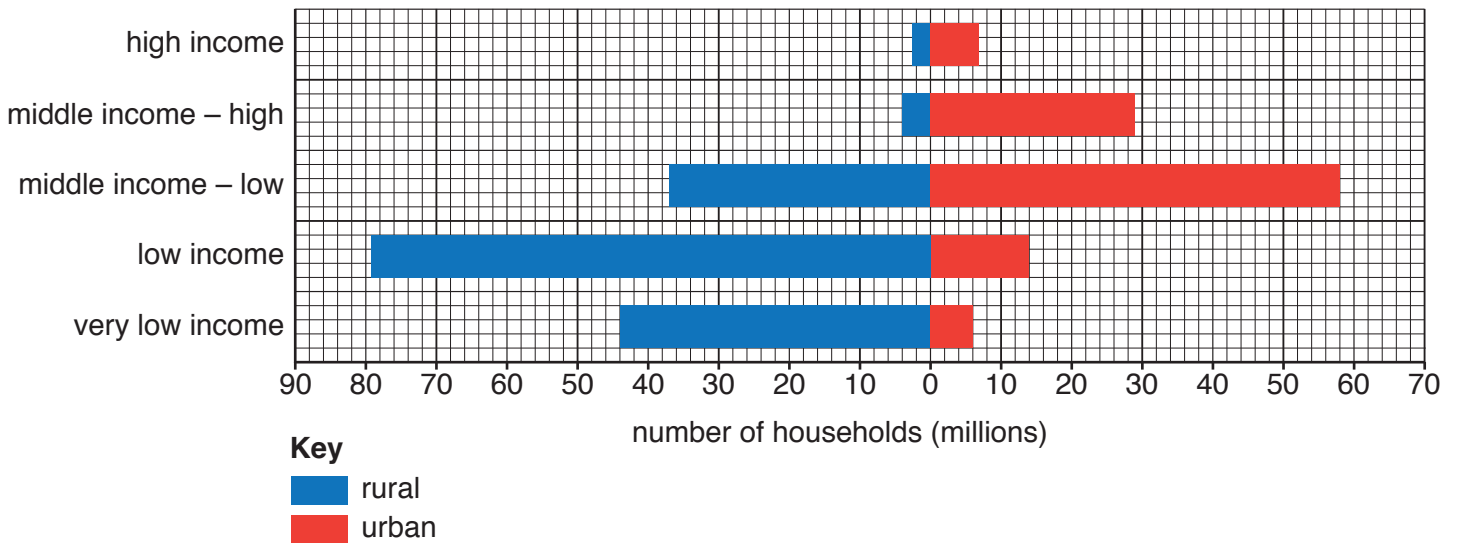


Fig. 6.2 for Question 6

Predicted number of households by income group for rural and urban settlements in India, 2025

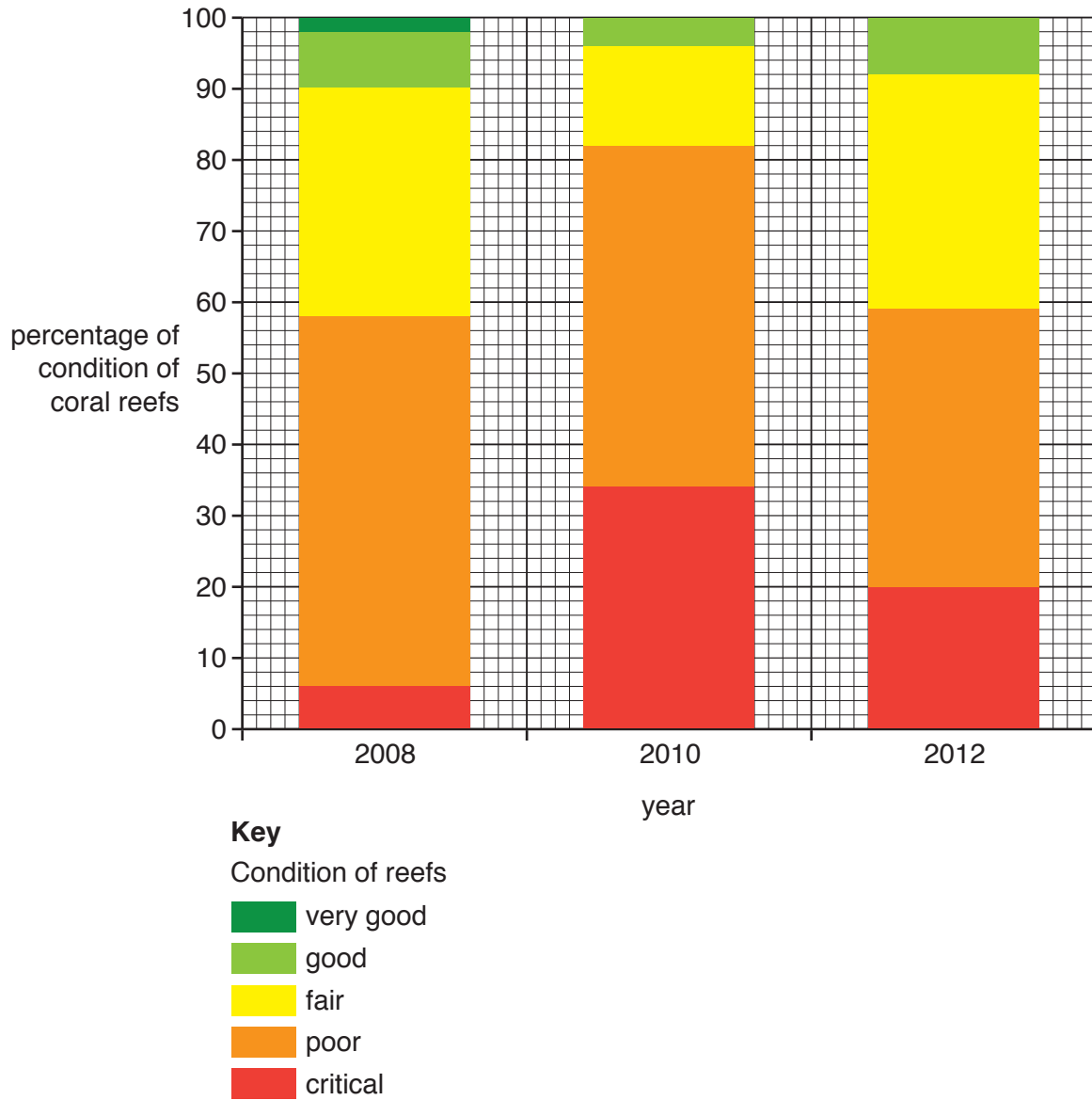




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Fig. 9.1 for Question 9

The condition of coral reefs in Mexico, Belize and Honduras, 2008 to 2012



**Fig. 9.2 for Question 9**

Percentage change in the Reef Health Index (RHI) for selected coral reefs in Mexico, Belize and Honduras, 2006 to 2012

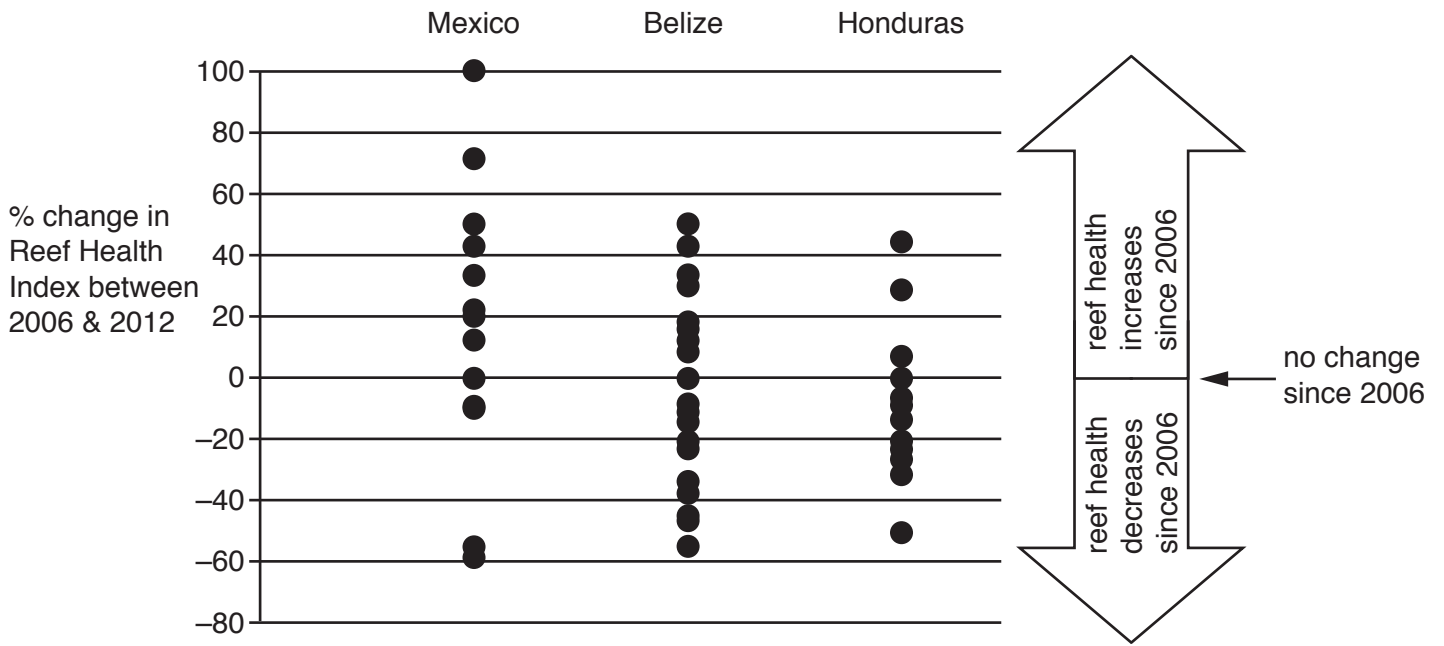
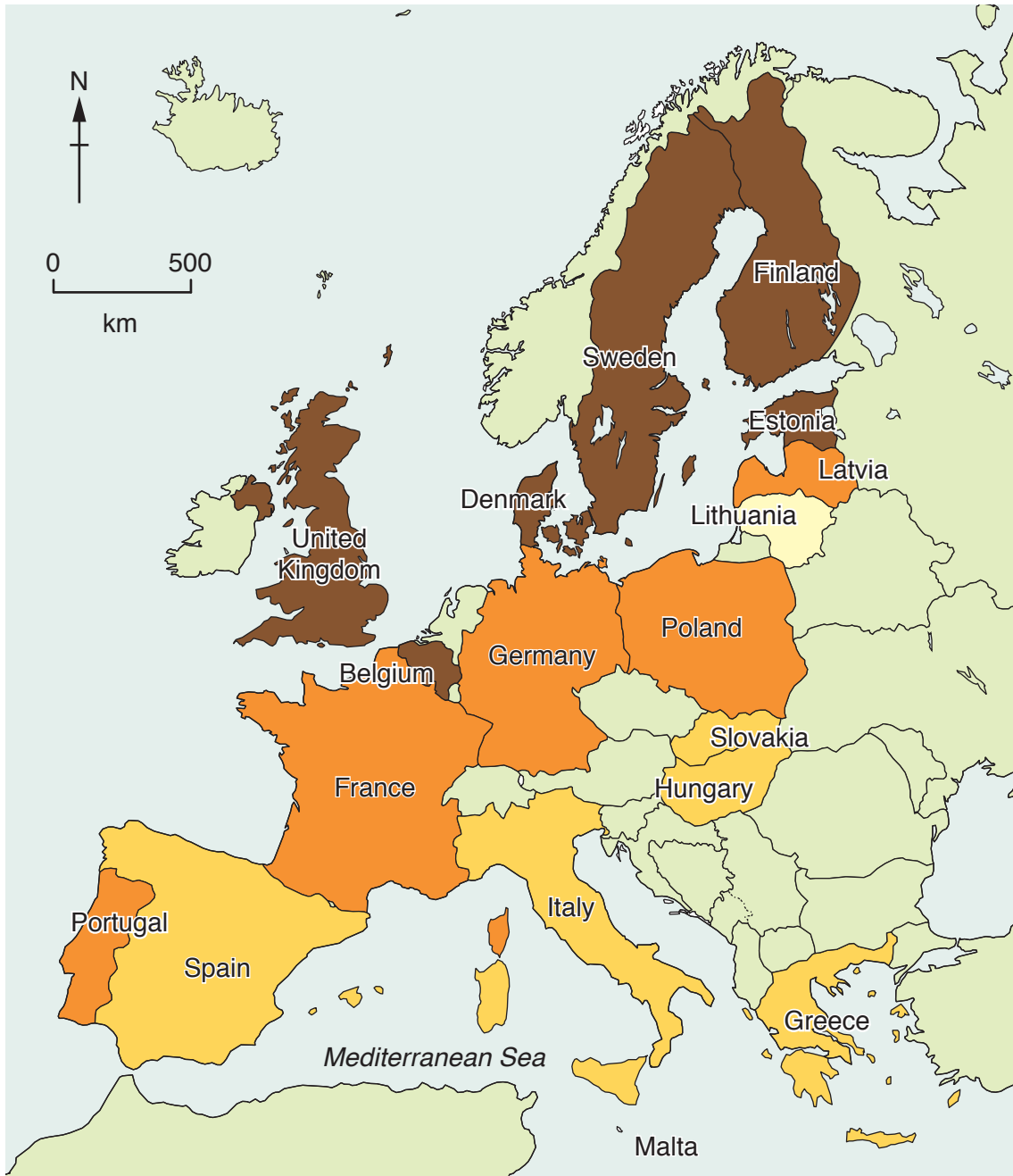


Fig. 10.1 for Question 10

Honeybee mortality for selected European countries in the winter of 2012–2013

**Key****Mortality**

- no data
- <5%
- 5–10%
- 10–20%
- >20%







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