

# Cambridge International Examinations Cambridge Pre-U Certificate

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GEOGRAPHY 9768/04

Paper 4 Research Topic

For Examination from 2016

SPECIMEN INSERT

1 hour 30 minutes

#### **READ THESE INSTRUCTIONS FIRST**

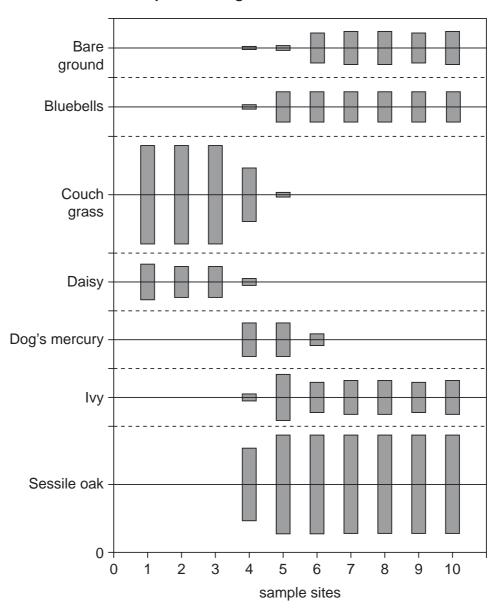
This Insert contains all the Figures and the Photograph referred to in the Question Paper.

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



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Fig. 1 for Question 1
Plant species along a woodland transect



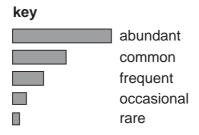


Fig. 2 for Question 1

## Distance and soil moisture pH along a transect through a sand dune ecosystem

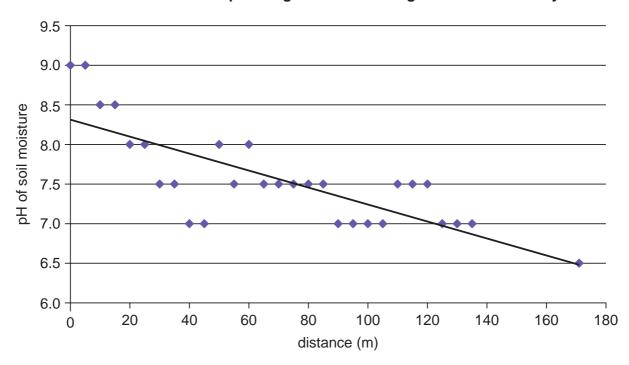
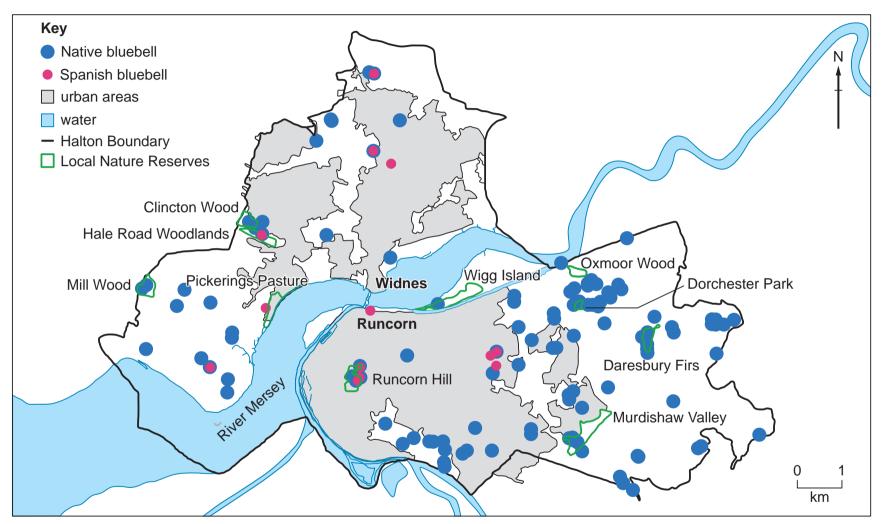


Fig. 3 for Question 2

Location of bluebells in the Borough of Halton, near Liverpool, England in 2007



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Fig. 4 for Question 5

Employment type in National Parks and in England and Wales, 2011

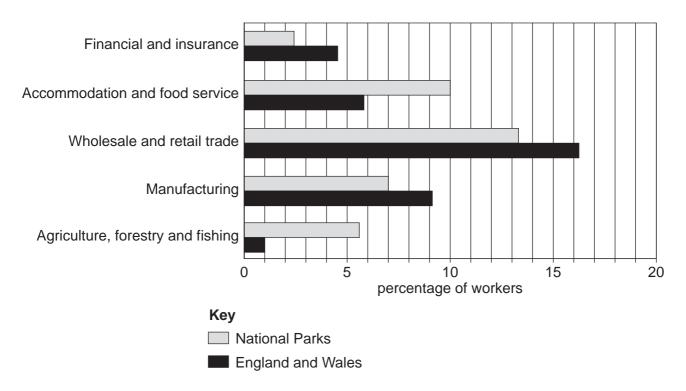


Fig. 5 for Question 5
Internal migration for rural and major urban areas, England, 2000 to 2010

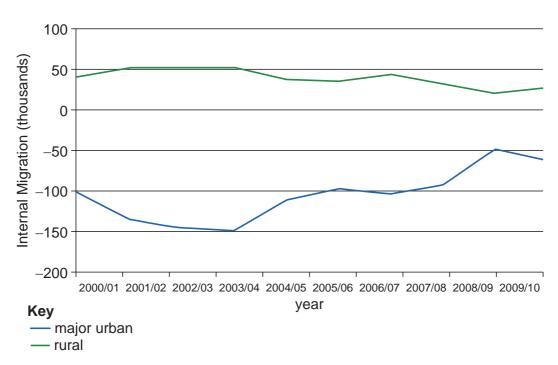


Fig. 6 for Question 5

## Changes in population size by age for selected National Parks, England, 2001 to 2011

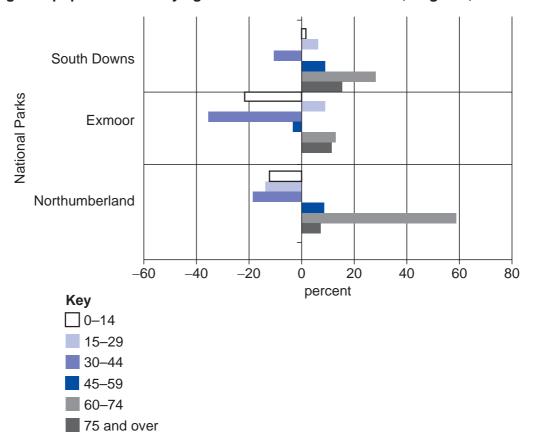
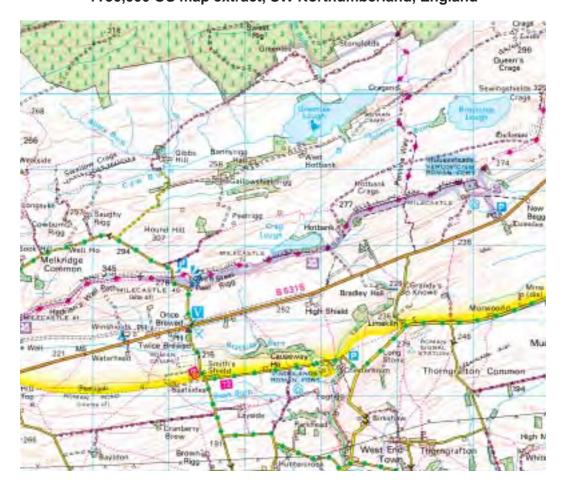
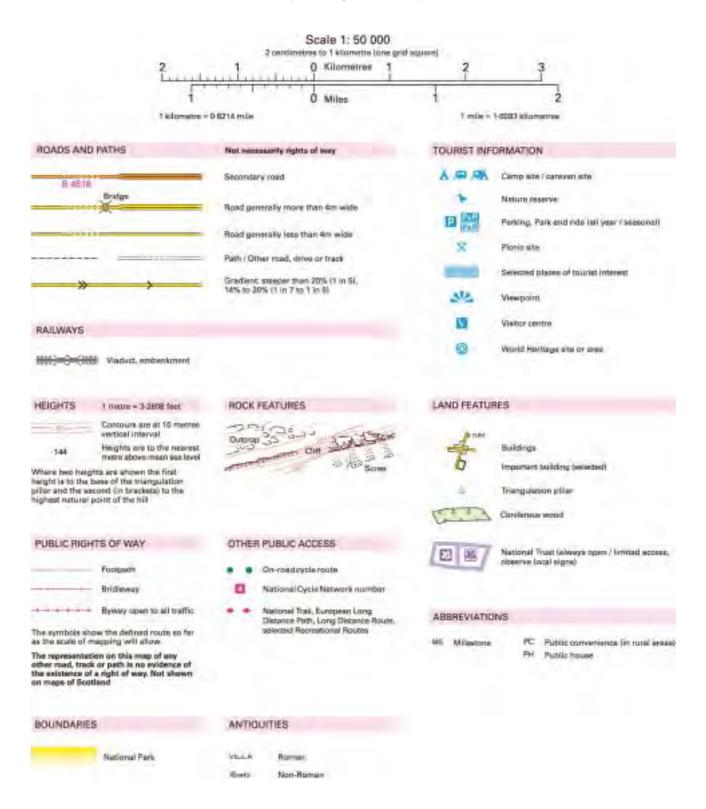


Fig. 7 for Question 6
1:50,000 OS map extract, SW Northumberland, England



#### Key for Fig. 7 [OS map]



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Fig. 8 for Question 9

## The relationship between river bed material and river channel pattern

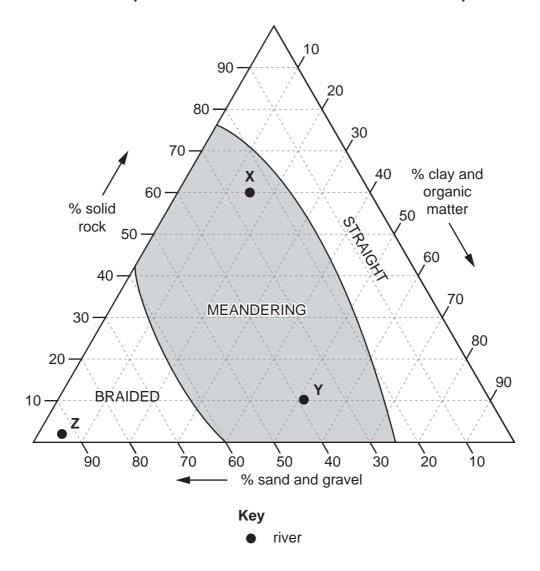
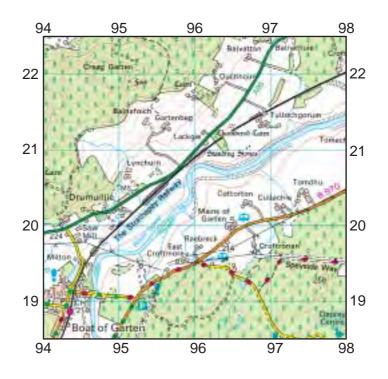


Fig. 9 for Question 9

## 1:50,000 OS map extract of the River Spey, Scotland



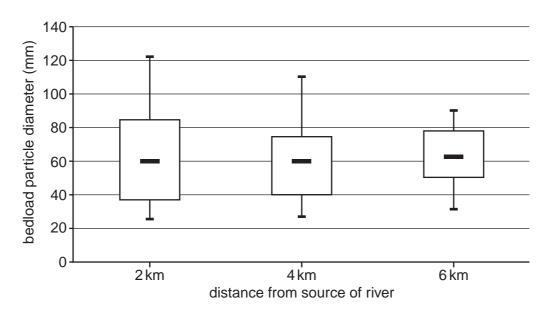
Photograph A for Question 9

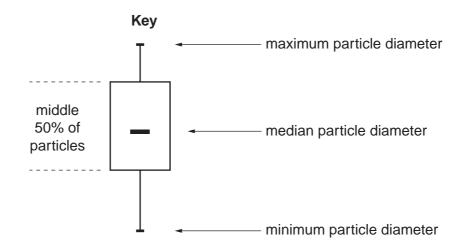
Part of the River Spey shown on Fig. 9



Fig. 10 for Question 10

#### Bedload particle diameter and distance from the source





#### Copyright Acknowledgements:

Question 1 Figure 1 © adapted: Alan Cadogan & Malcolm Ingram; Maths for Advanced Biology, Nelson Thornes Ltd; 2002. Question 2 Figure 3 © Dr Samantha Langdon; Halton Bluebell Survey Report, http://www.record-lrc.co.uk/Downloads/bluebell%20project/WEB%20 August%202007%20report.pdf; 22 May 2013. Question 5 Figure 4 © National Parks in England and Wales; <a href="http://youtube.com/watch?v=UnVxNzXggMQ">http://youtube.com/watch?v=UnVxNzXggMQ</a>; 23 May 2013. © DEFRA statistical digest of rural England 2012; https://www.gov.uk/government/uploads/system/uploads/attachment\_data/ Question 5 Figure 5 file/69493/pb13642-rural-digest-2012.pdf; 23 May 2013. Question 5 Figure 6 © Characteristics of National Parks; Office for National Statistics; 23 May 2013. Question 6 Figure 7 Question 9 Figure 8 © Hexham and Haltwhistle; OS Landranger 87; Ordnance Survey; 2009. © K Hilton; Process and Pattern in Physical Geography; University Tutorial Press; 1985. Question 9 Figure 9 © Extract of River Spey; Ordnance Survey © River Spey between Drumuillie and Culachie; http://www.multi-map.net/. Question 9 Figure 10

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