



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
Cambridge International Level 3 Pre-U Certificate
Principal Subject

GEOGRAPHY

9768/04

Paper 4 Research Topic

May/June 2013

INSERT

1 hour 30 minutes

READ THESE INSTRUCTIONS FIRST

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

This document consists of **13** printed pages and **3** blank pages.



Fig. 1 for Question 1

Wind speed information for the London Borough of Ealing, UK

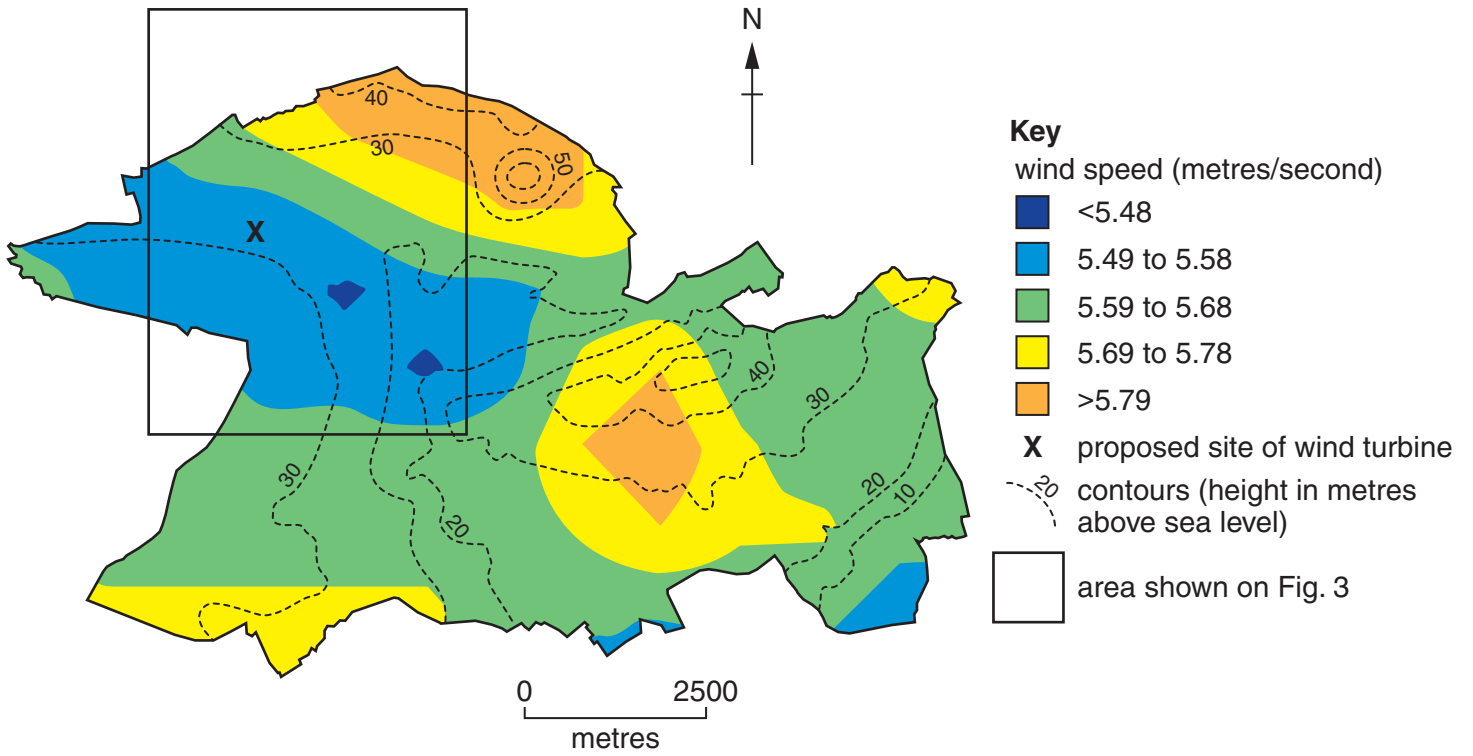


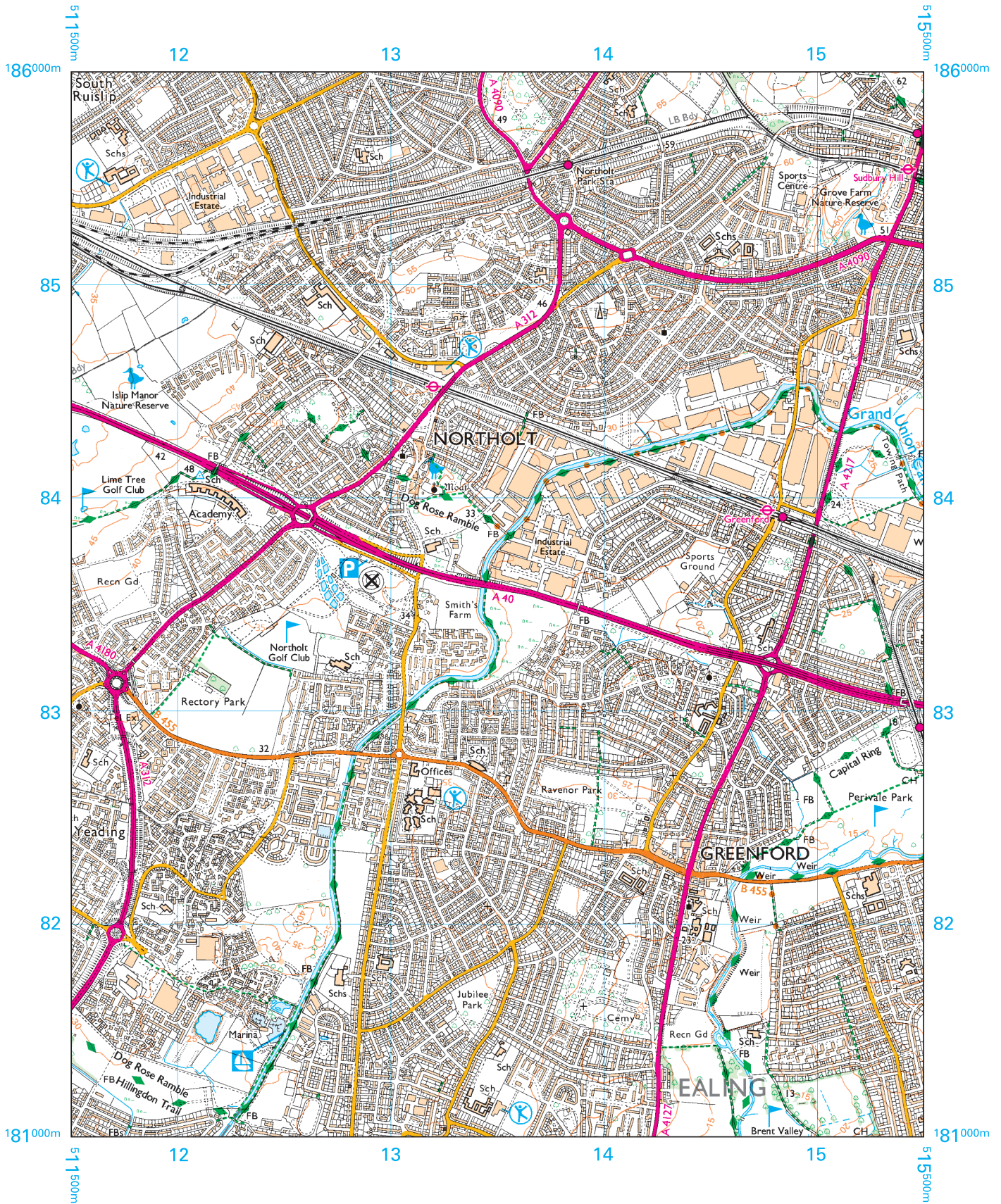
Fig. 2 for Question 1

Wards in the London Borough of Ealing, UK

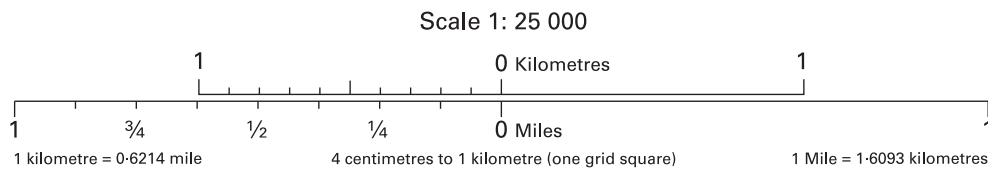


Fig. 3 for Question 1

1:25 000 map extract showing the area around the proposed site of the wind turbine



Key for Fig. 3



Key

✕ proposed site of wind turbine

ROADS AND PATHS

	A 35	Dual carriageway
	A 30	Main road
	B 3074	Secondary road

RAILWAYS

	Multiple track	} Standard gauge
	Single track	
	Road over; road under; level crossing	
	Cutting; tunnel; embankment	
	Station, open to passengers; siding	

PUBLIC RIGHTS OF WAY

	Footpath
	Bridleway

OTHER PUBLIC ACCESS

	Other routes with public access
	National Trail / Long Distance Route; Recreational route
	Traffic-free cycle route
	National cycle network route number—traffic free

GENERAL FEATURES

	Place of worship
	Current or former place of worship
	– with tower
	– with spire, minaret or dome
	Building
	Important building
	Slopes
CH	Clubhouse
FB	Footbridge
Sch	School

VEGETATION

Vegetation limits are defined by positioning of symbols

	Coniferous trees
	Non-coniferous trees
	Coppice

HEIGHTS AND NATURAL FEATURES

52	·	Ground survey height
284	·	Air survey height

TOURIST AND LEISURE INFORMATION

	Golf course or links
	Nature reserve
	Water activities
	Recreation / leisure / sports centre

Fig. 4 for Question 2

Actual daily maximum temperatures and predicted temperatures at selected points for a new residential development, Singapore, 2009

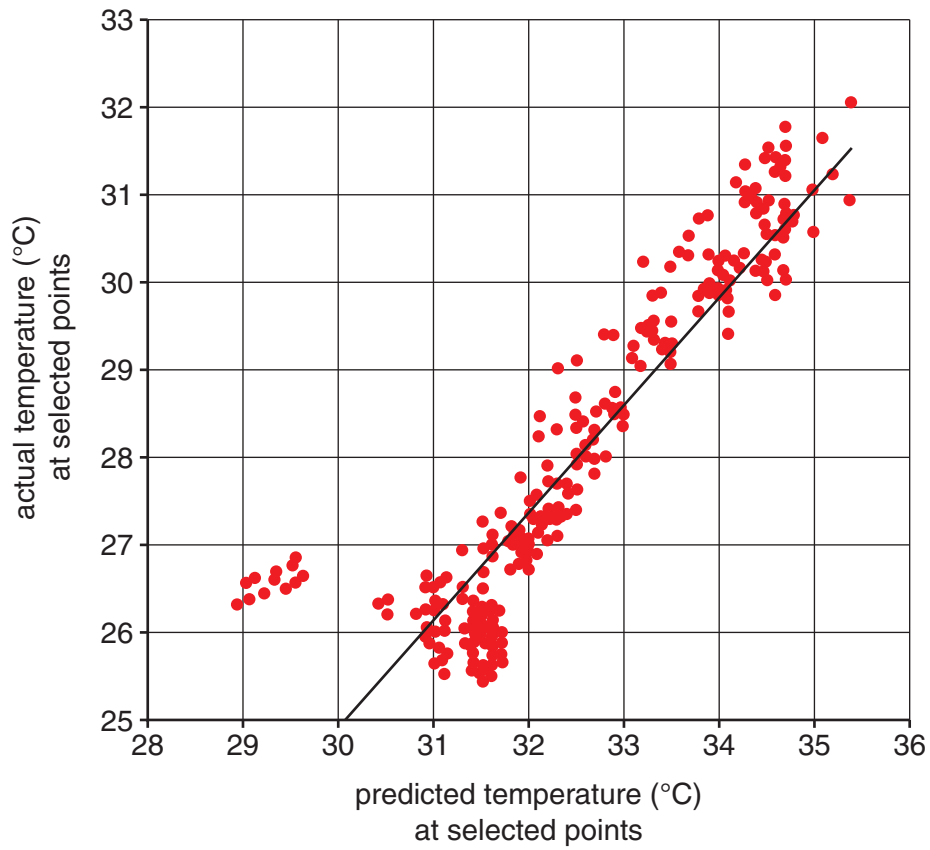


Fig. 5 for Question 5

Soil conservation practices on farms in Canada, 2001 and 2006

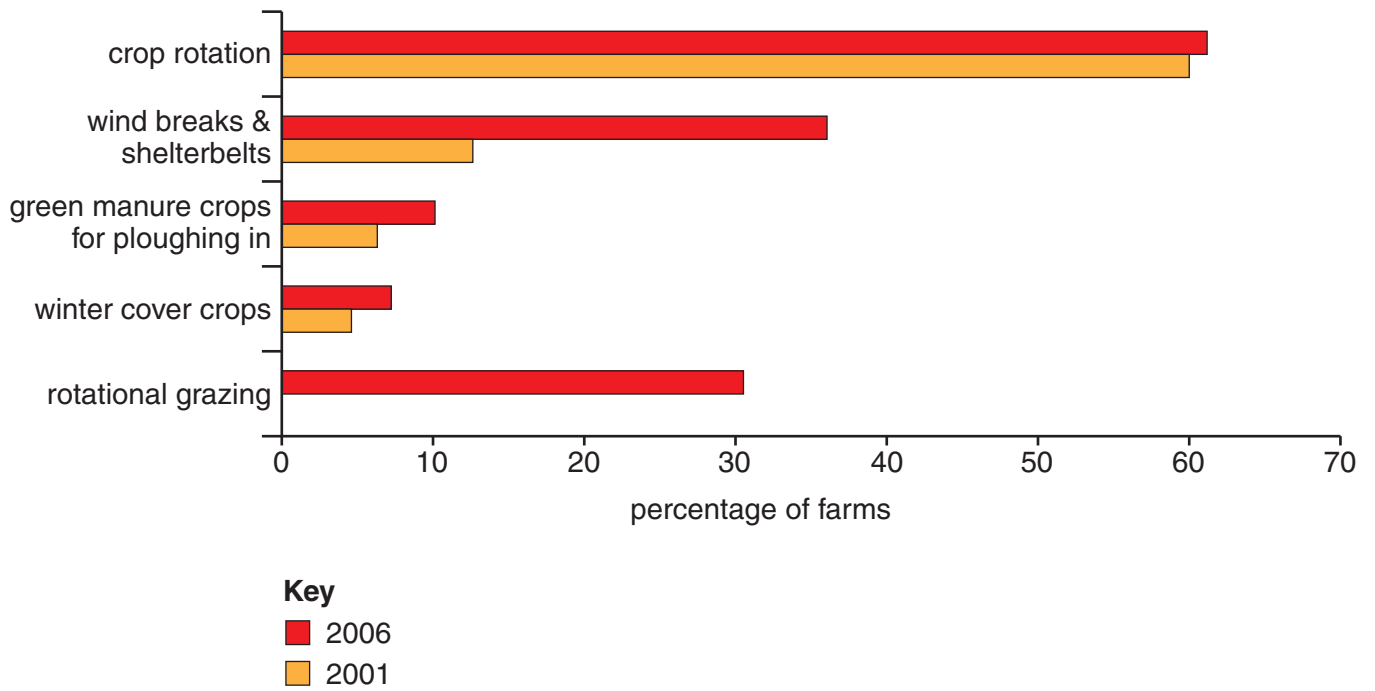
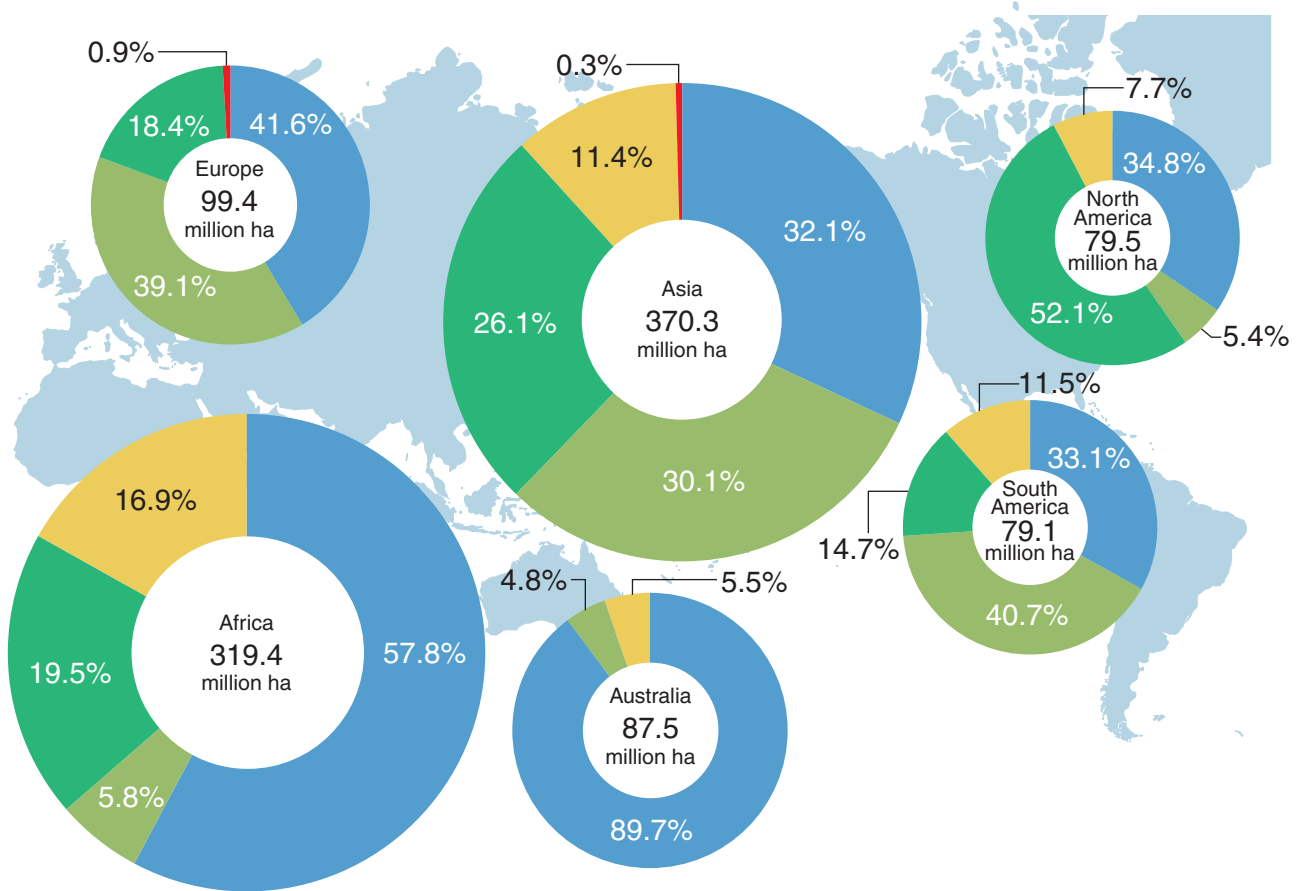


Fig. 6 for Question 5

The main causes of soil degradation in susceptible drylands by region



Key

- overgrazing
- deforestation
- agricultural activities
- overexploitation of vegetation for domestic use
- bio-industrial activities

Fig. 7 for Question 6

Forest areas in Southern Cameroon, West Africa

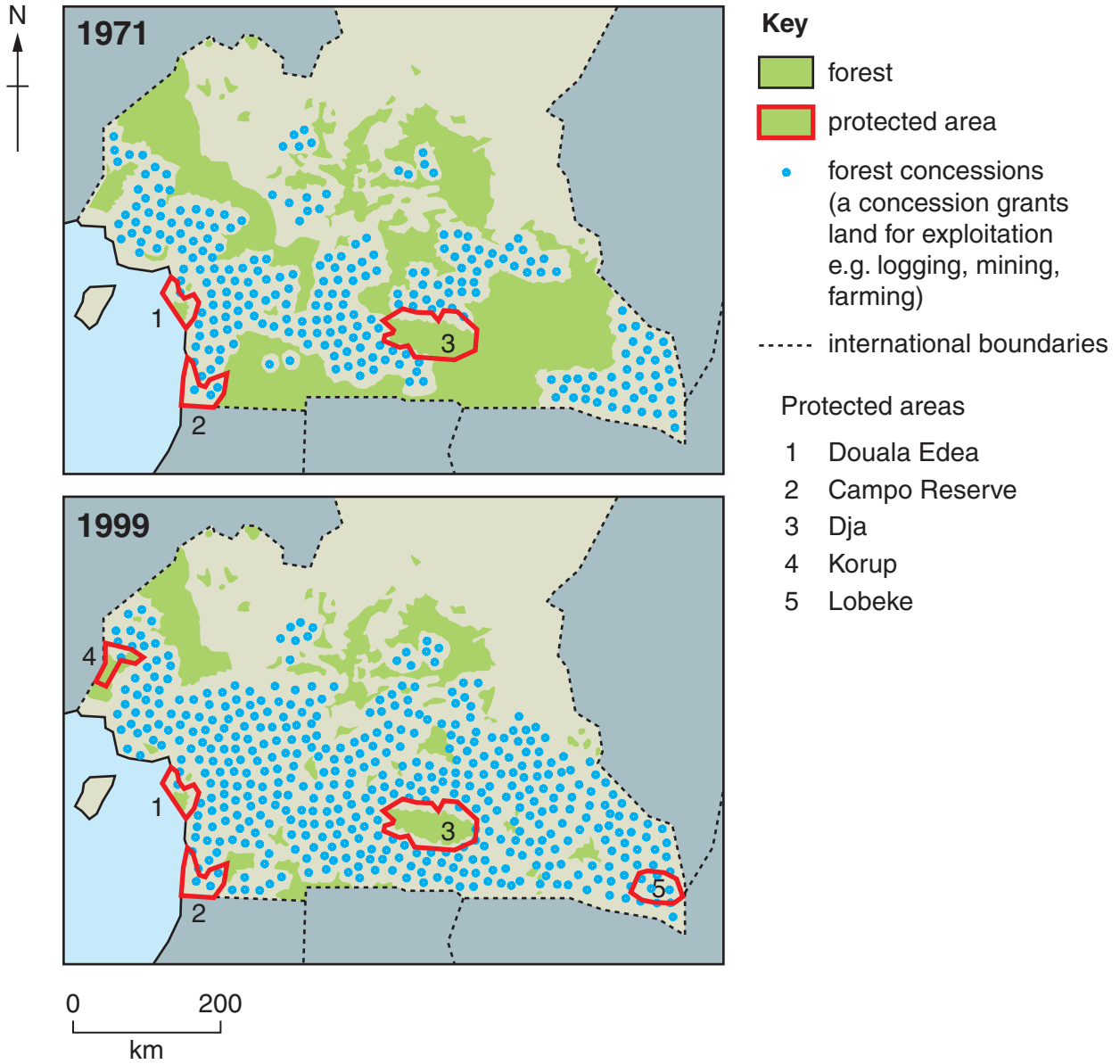
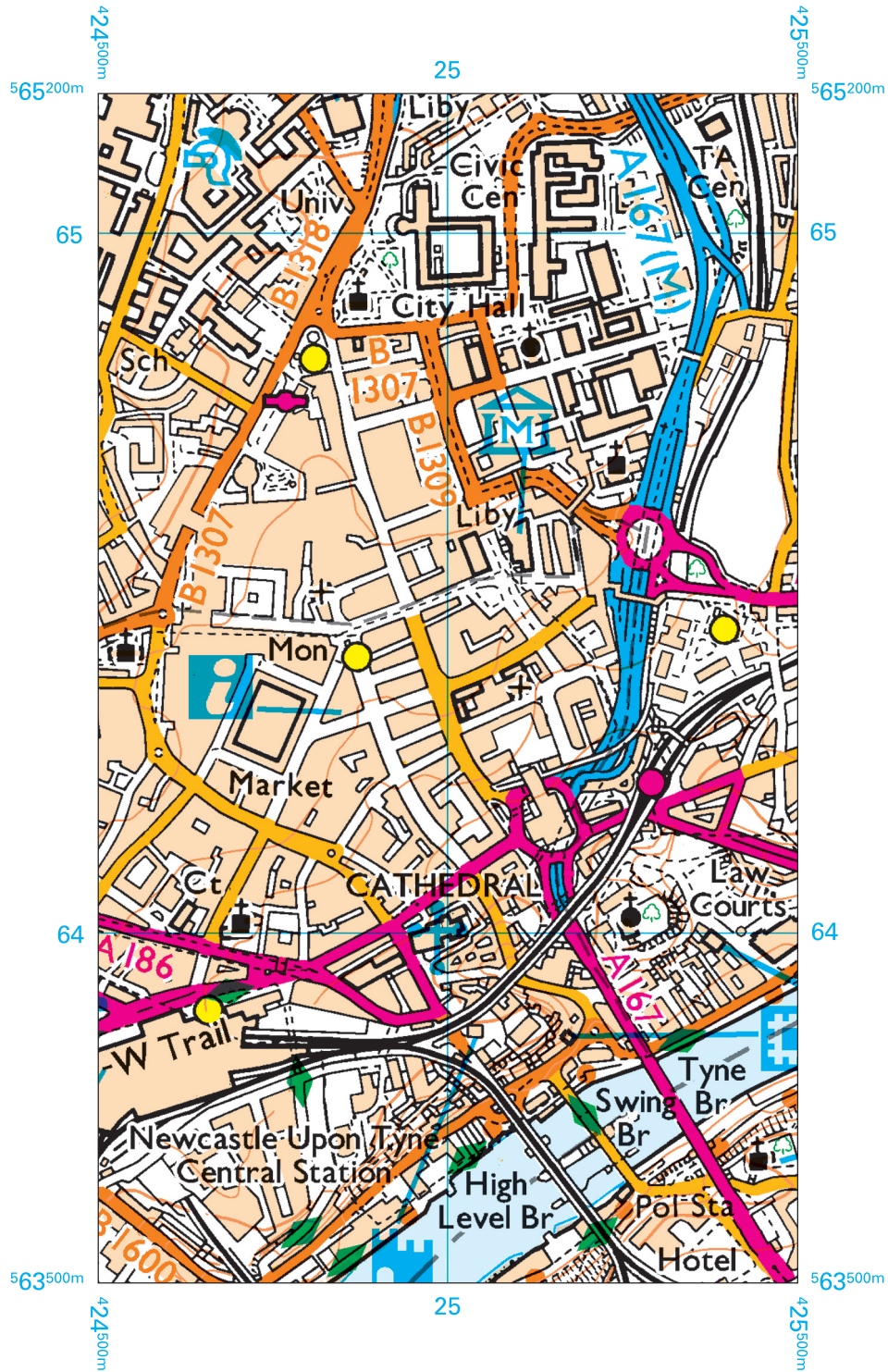
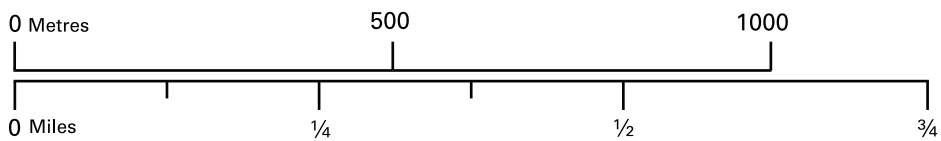


Fig. 8 for Question 9

The Central Business District of Newcastle upon Tyne, UK



Scale 1:10 000



Key for Fig. 8

ROADS AND PATHS Not necessarily rights of way

	Motorway		Service Area		Junction Number
	Dual carriageway				
	Main road				
	Secondary road				

RAILWAYS

	Multiple track
	Narrow gauge or Light Rapid Transit System (LRTS) and station
	Road over; road under; level crossing
	Station, open to passengers; siding

PUBLIC ACCESS

		National Trail / Long Distance Route; Recreational route
		National cycle network route number—traffic free

BOUNDARIES

	Unitary Authority (UA), Metropolitan District (Met Dist), London Borough (LB) or District (Scotland & Wales are solely Unitary Authorities)
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GENERAL FEATURES

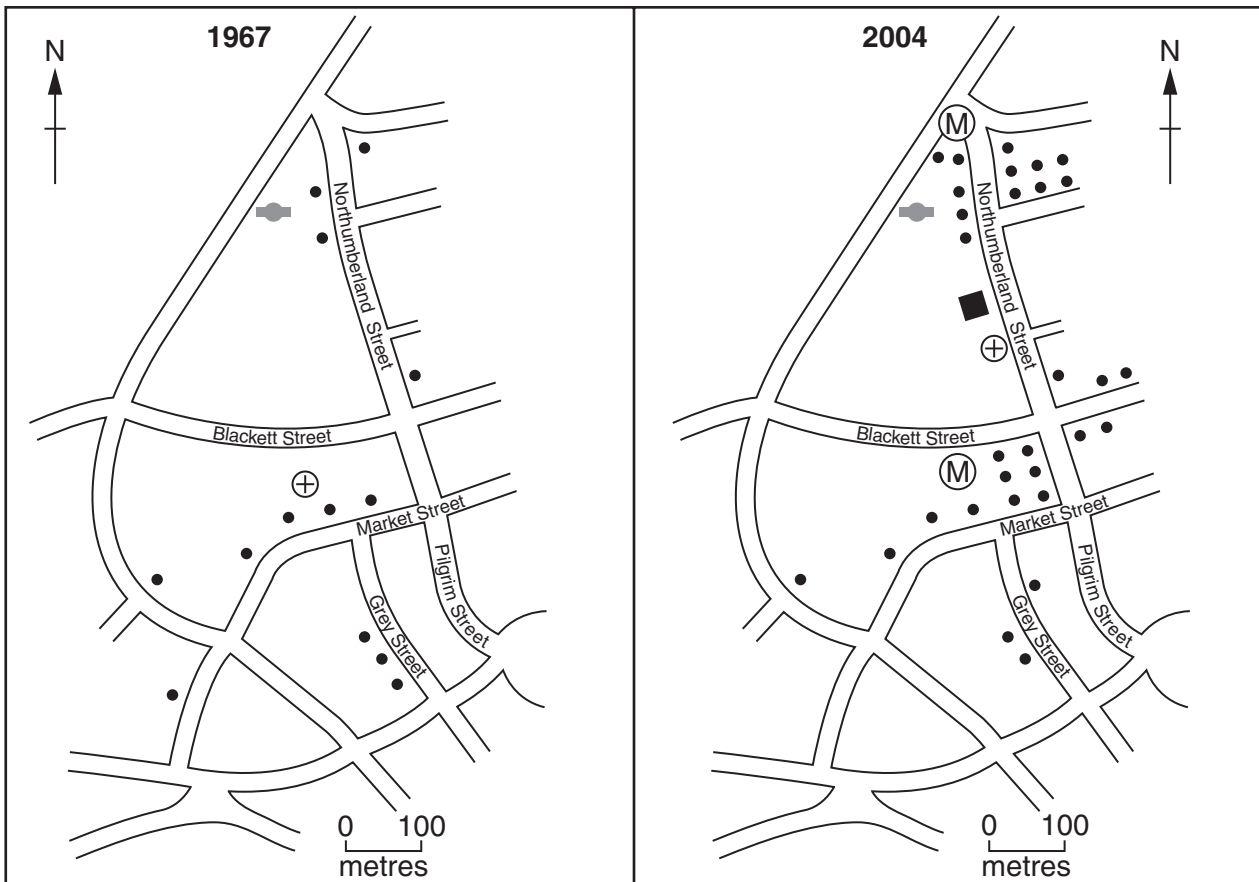
+	Place of worship
	Current or former place of worship
	— with tower
	— with spire, minaret or dome
	Building
	Important building
	Bus or coach station
	Beacon
52	Ground survey height
Mon	Monument
PoI Sta	Police station
Sch	School
	Slopes
	Water; mud

TOURIST AND LEISURE INFORMATION

	Information centre
	Museum
	English Heritage property
	Castle / fort

Fig. 9 for Question 9

The location of banks and building societies in the CBD of Newcastle upon Tyne in 1967 and 2004



Key

- PLVI (peak land value intersection – 2004)
- Ⓜ metro station
- ⊙ bus station
- ⊕ centre of gravity
- bank or building society

Figs 10A and 10B for Question 10

Pedestrian flows in Ambleside, Cumbria

Fig. 10A

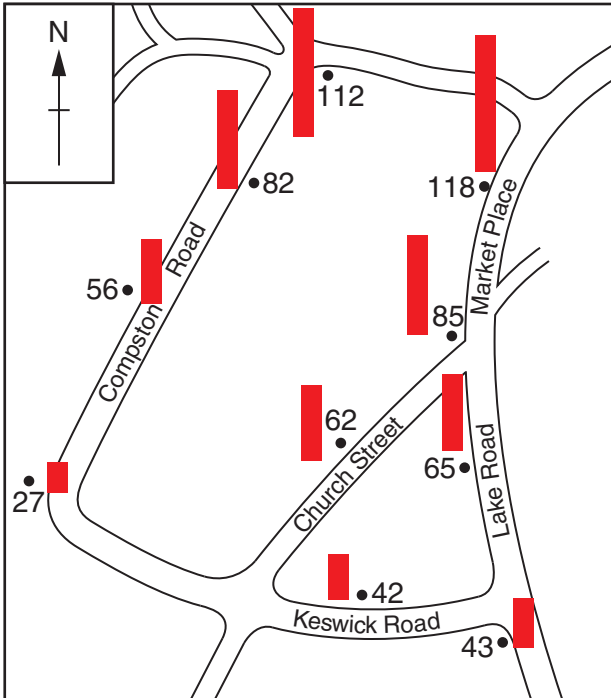


Fig. 10A

Fig. 10B

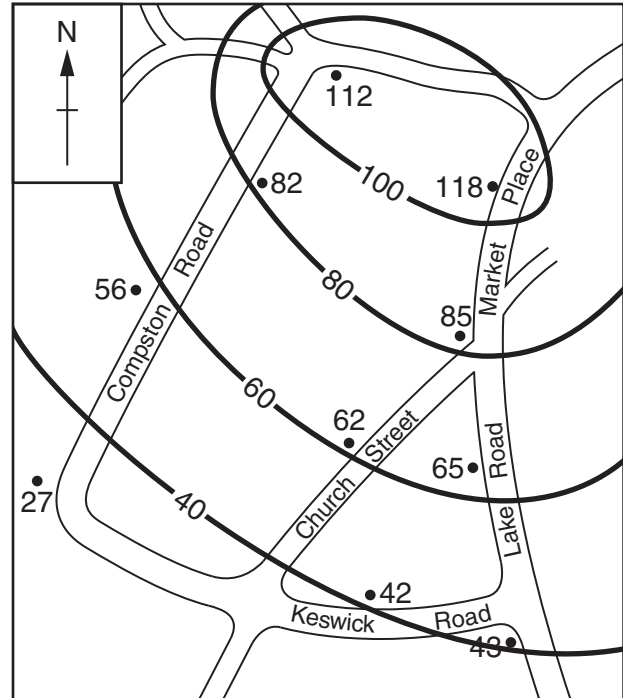
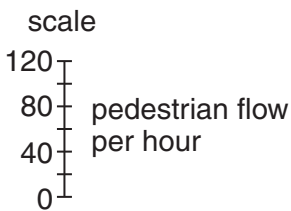


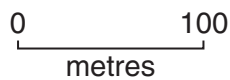
Fig. 10B

Key

- 56 survey points (figure shows pedestrians per hour)
- 60 — pedestrian flow isolines



Date of survey: Friday 28/03/03



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