



Cambridge International Examinations
Cambridge Pre-U Certificate

GEOGRAPHY (PRINCIPAL)

9768/04

Paper 4 Research Topic

May/June 2015

INSERT

1 hour 30 minutes

READ THESE INSTRUCTIONS FIRST

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

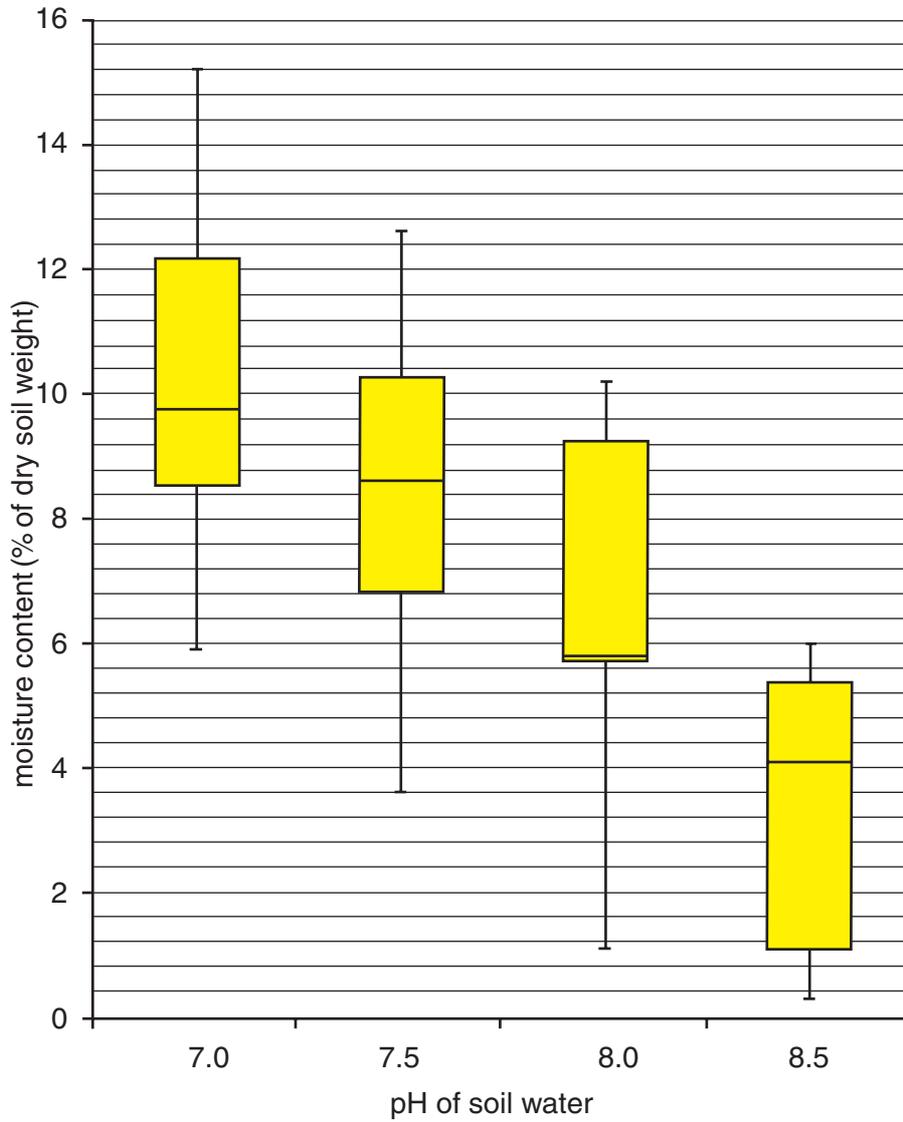


The syllabus is approved for use in England, Wales and Northern Ireland as a Cambridge International Level 3 Pre-U Certificate.

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

Fig. 1 for Question 1

Soil moisture content for selected soil water pH values in a coastal sand dune ecosystem in the UK



Key

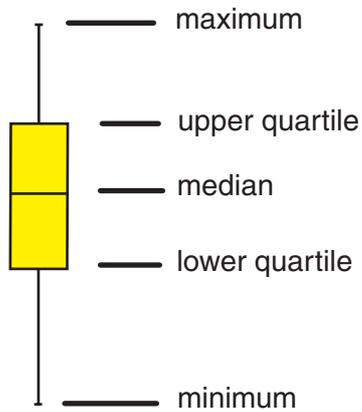


Fig. 2 for Question 1

Soil moisture content and distance from the high water mark along a transect across a coastal sand dune ecosystem in the UK

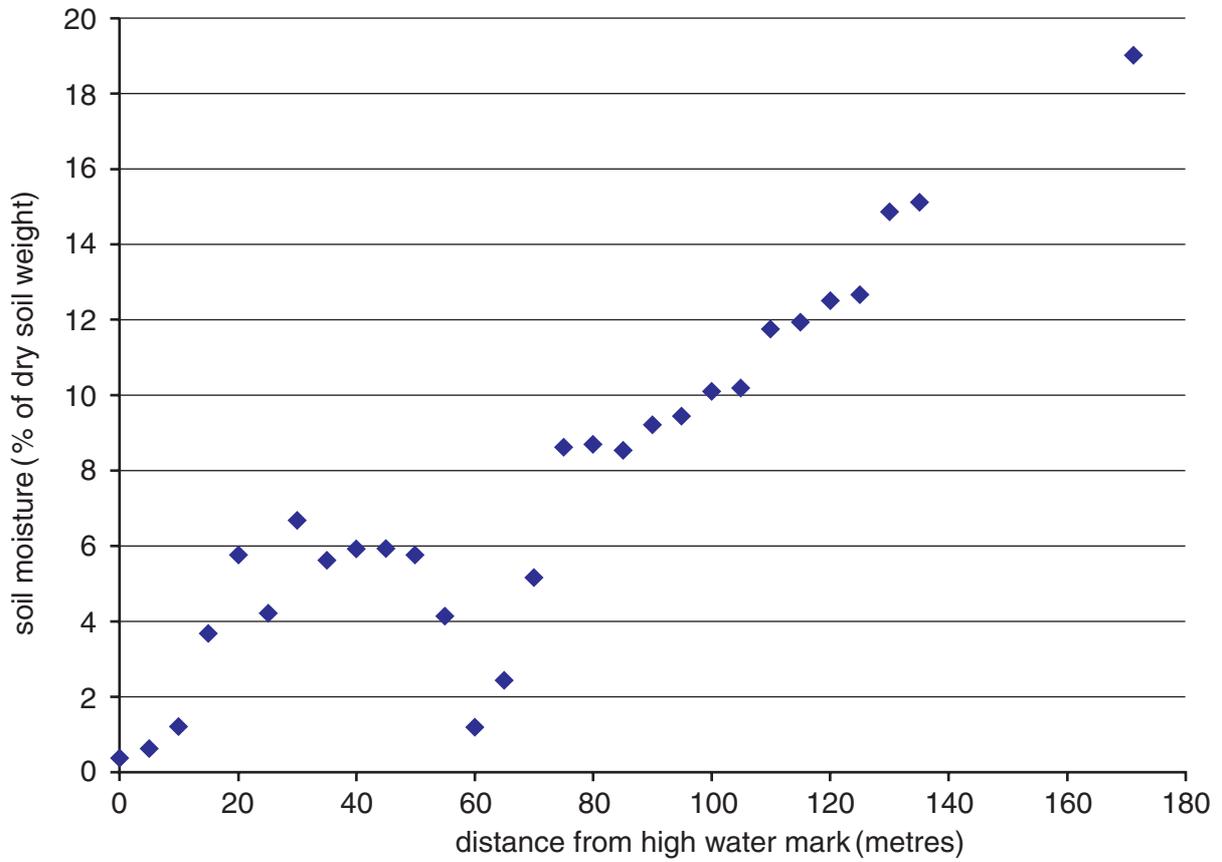


Fig. 3 for Question 2

Piperdam Country Park, Dundee, Scotland

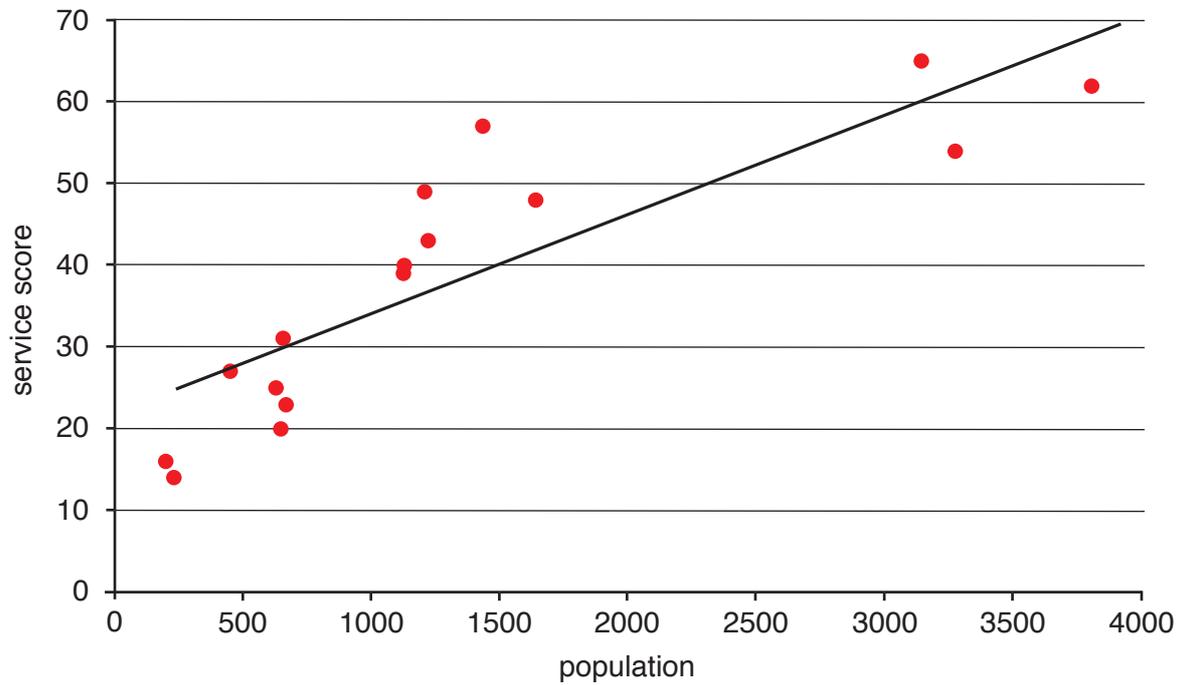


Key

	Grassland		Trees
	Golf course		Car park and access road
	Lake (loch) / stream		

Fig. 4 for Question 5

Population and service score for selected rural settlements
in East Staffordshire, England, 2012



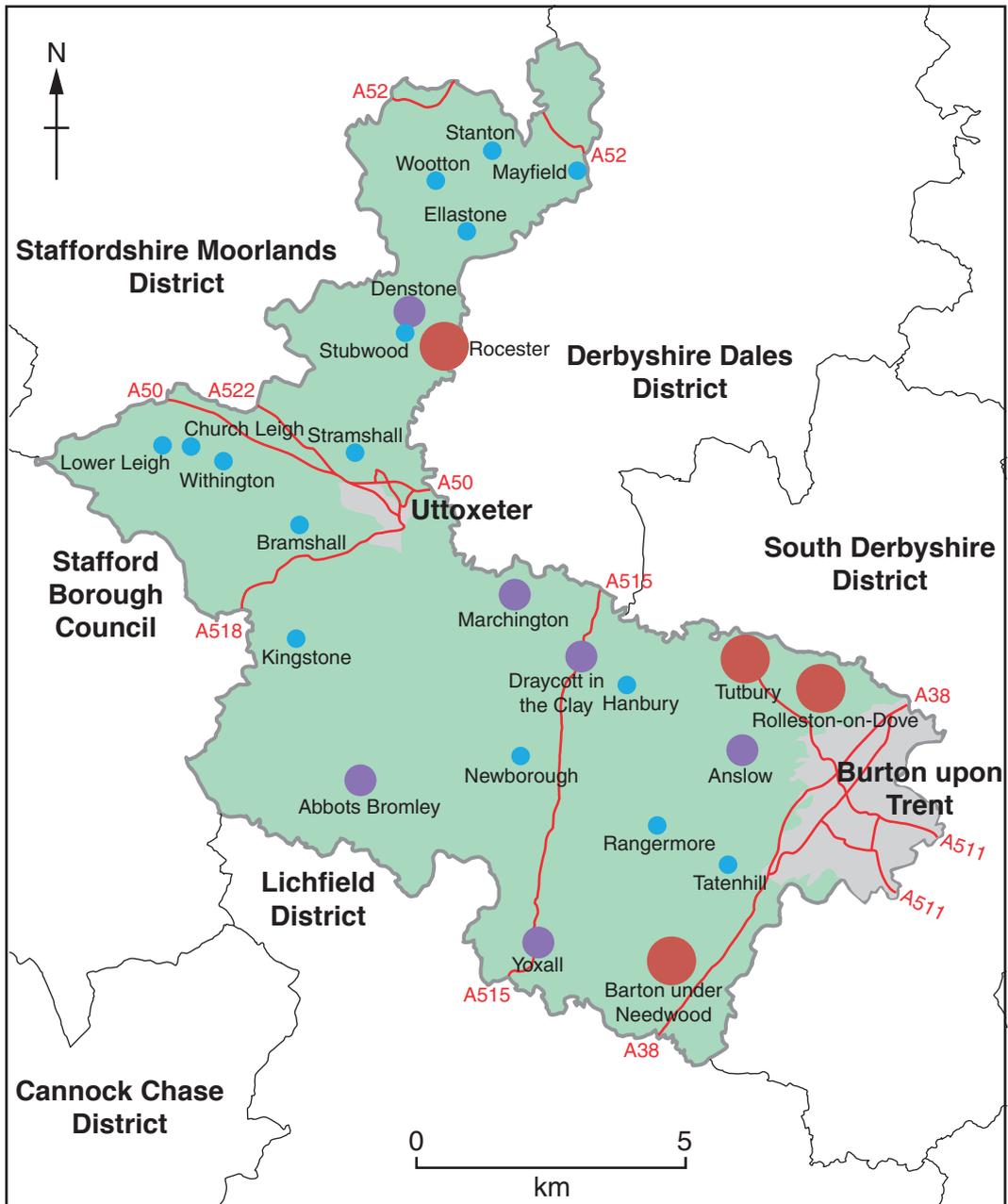
The service score is a composite measure based on the type and number of services present in each settlement. The higher the score, the more services available.

Key

— line of best fit

Fig. 5 for Question 5

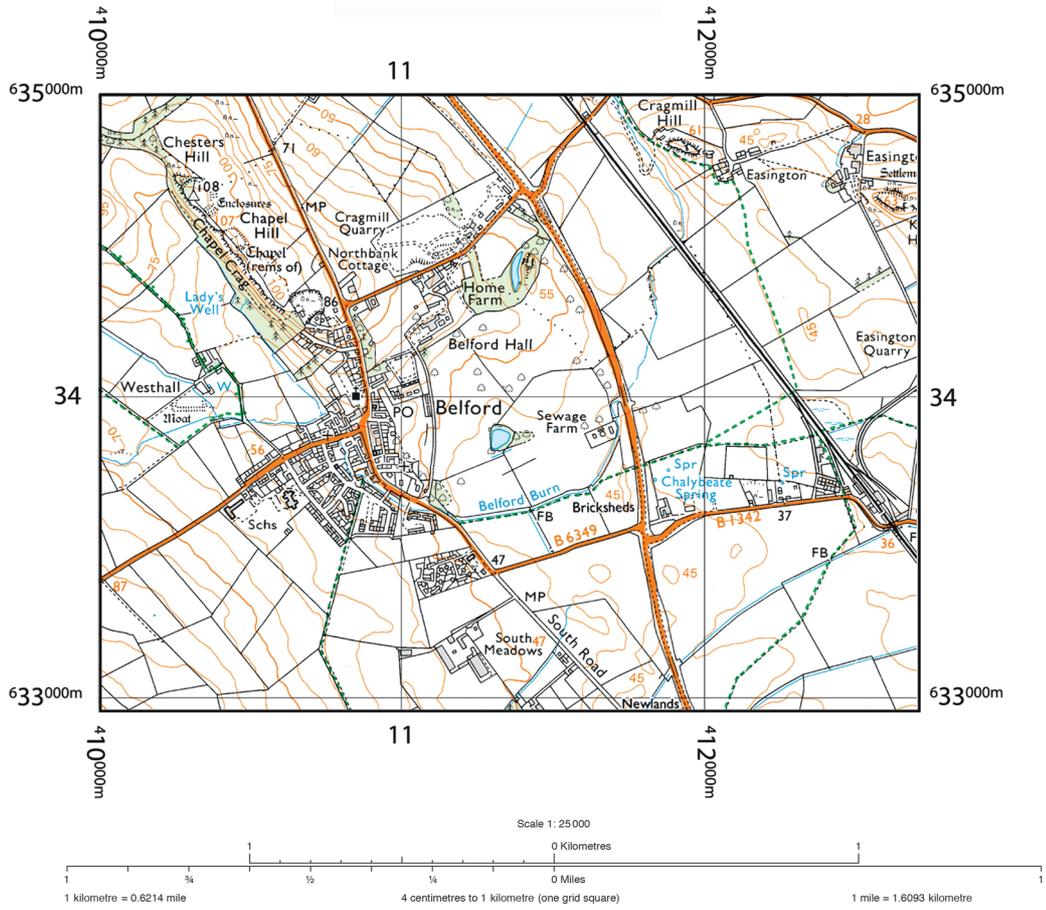
Settlement hierarchy in East Staffordshire, England, 2012



Key

- category 1 - large villages
- category 2 - medium villages
- category 3 - small villages
- A38 main road
- District boundary
- urban area

Fig. 6A for Question 6
The village of Belford, 1981



ROADS AND PATHS

Not necessarily rights of way

-  Trunk or Main road
-  Secondary road
-  Other road, drive or track

Unfenced roads and tracks are shown by pecked lines

-  Path

PUBLIC RIGHTS OF WAY

(Not applicable to Scotland)
Public rights of way shown on this map may not be evident on the ground

-  } Public paths { Footpath
-  } } Bridleway
-  Road used as a public path

Public rights of way indicated by these symbols have been derived from Definitive Maps as amended by later enactments or instruments held by Ordnance Survey

The representation on this map of any other road, track or path is no evidence of the existence of a right of way

RAILWAYS

-  Multiple track

SYMBOLS

-  } Place of worship { with tower
-  } } with spire, minaret or dome
-  } } without such additions
- MP, MS Mile Post, Stone
- ◊ W, Spr Well, Spring
-  Chalk pit, clay pit or quarry

VEGETATION

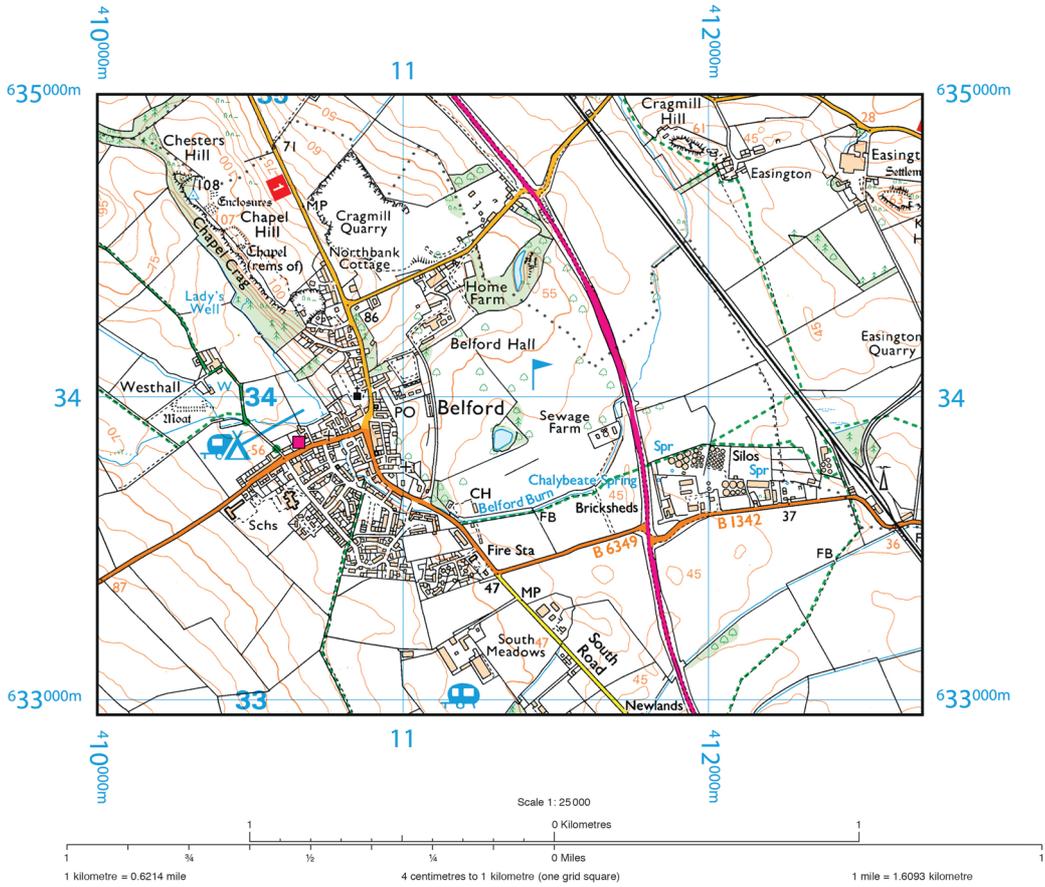
Limits of vegetation are defined by positioning of the symbols but may be delineated also by pecks or dots

-  Coniferous trees
-  Non-coniferous trees
-  Orchard

HEIGHTS

- 50 · } Determined by { ground survey
 - 285 · } } air survey
- Surface heights are to the nearest metre above mean sea level. Heights shown close to a triangulation pillar refer to the ground level height at the pillar and not necessarily at the summit

Fig. 6B for Question 6
The village of Belford, 2005



ROADS AND PATHS **Not necessarily rights of way**

 A30 Trunk or Main road

RAILWAYS

 Multiple track
 Cutting; tunnel; embankment

PUBLIC RIGHTS OF WAY **Not shown on maps of Scotland**

 Footpath

The representation on this map of any other road, track or path is no evidence of the existence of a right of way

OTHER PUBLIC ACCESS

 National cycle network route number – on road

GENERAL FEATURES

	Place of worship		Building; important building
	Current or former place of worship – with tower		PO Post Office
	– with spire, minaret or dome		Sch School
	Bunkhouse / camping barn / other hostel		CH Club House
			FB Footbridge
			Other pit or quarry

TOURIST AND LEISURE INFORMATION

	Camp site		Camping and caravan site
	Caravan site		Golf course or links

VEGETATION

Vegetation limits are defined by positioning of symbols

	Coniferous trees
	Non-coniferous trees
	Orchard

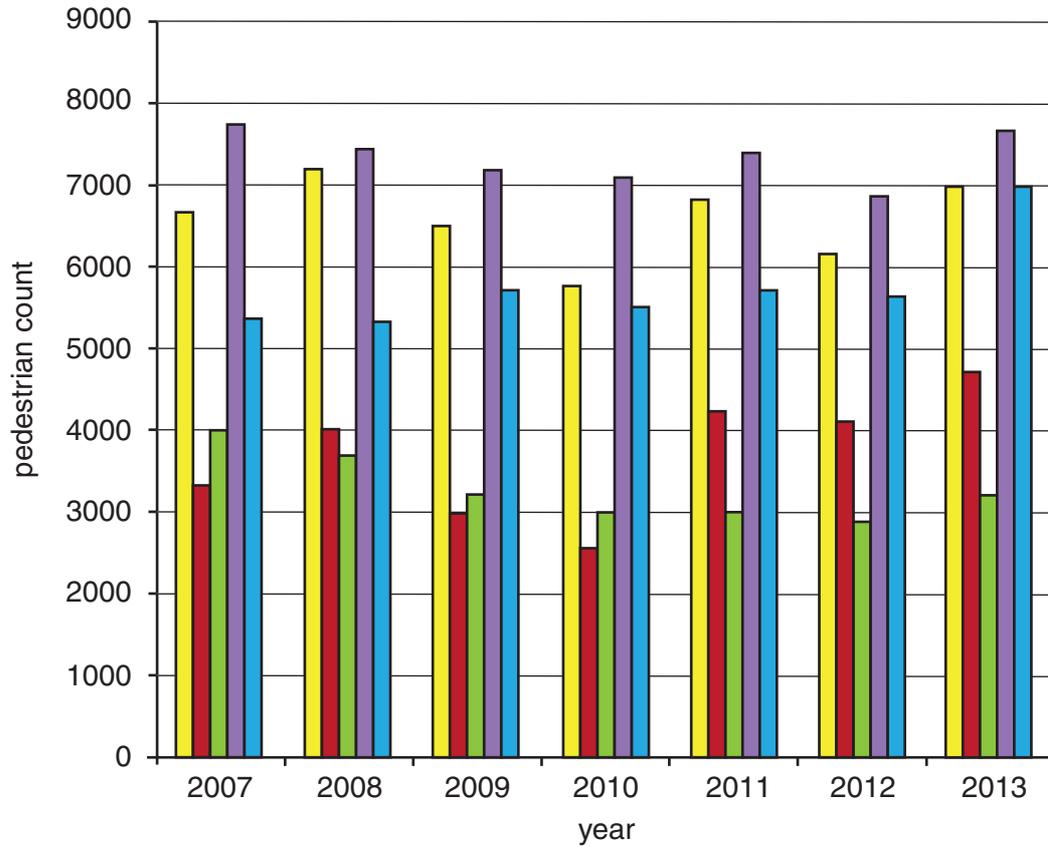
HEIGHTS AND NATURAL FEATURES

52 · Ground survey height
 284 · Air survey height

Surface heights are to the nearest metre above mean sea level. Where two heights are shown, the first height is to the base of the triangulation pillar and the second (in brackets) to the highest natural point of the hill

Fig. 7 for Question 9

Pedestrian counts at 5 sites within the Central Business District (CBD) of Seattle, USA

**Key**

- site 1
- site 2
- site 3
- site 4
- site 5

Fig. 8 for Question 9

Land use on different floors in part of the CBD of a large city

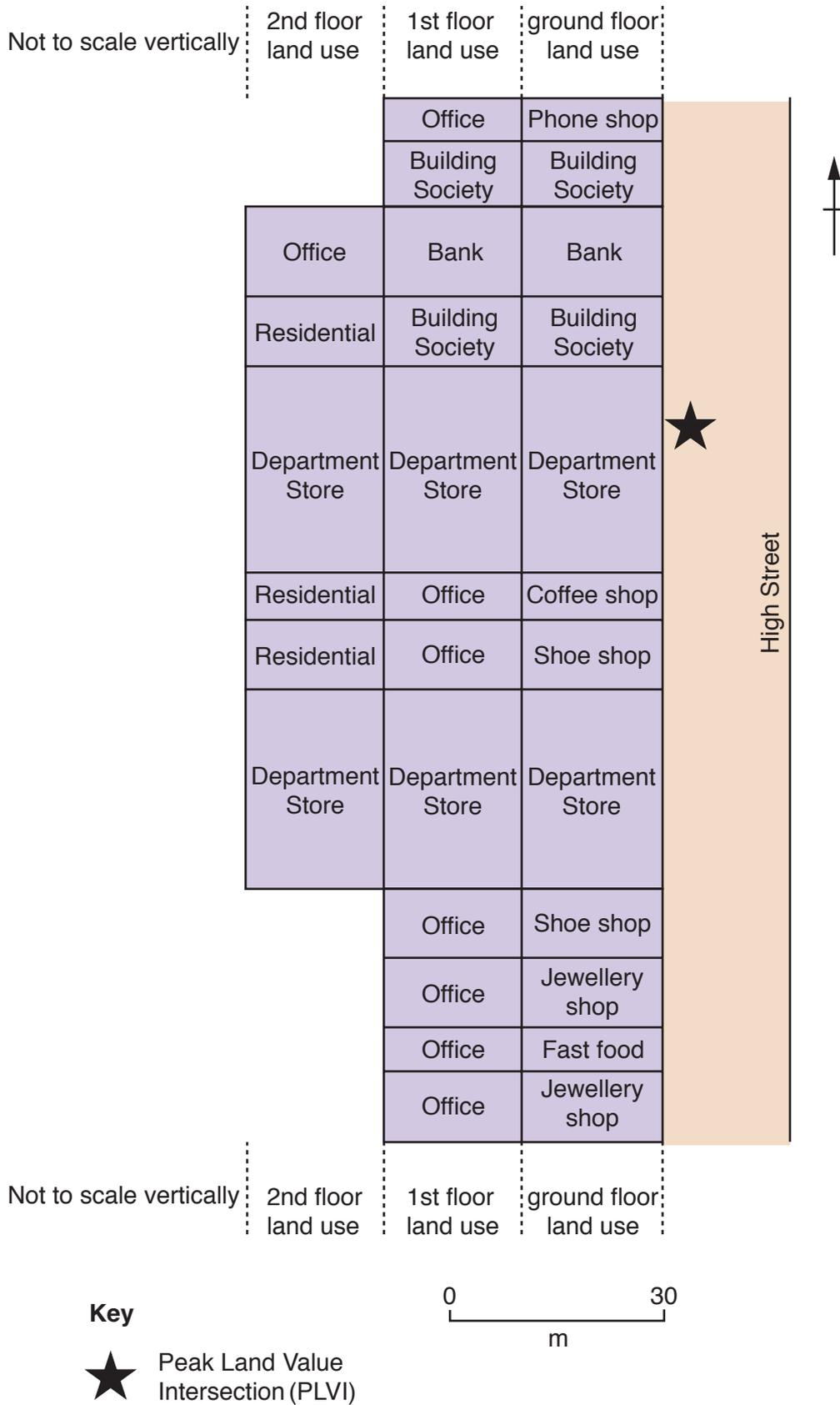
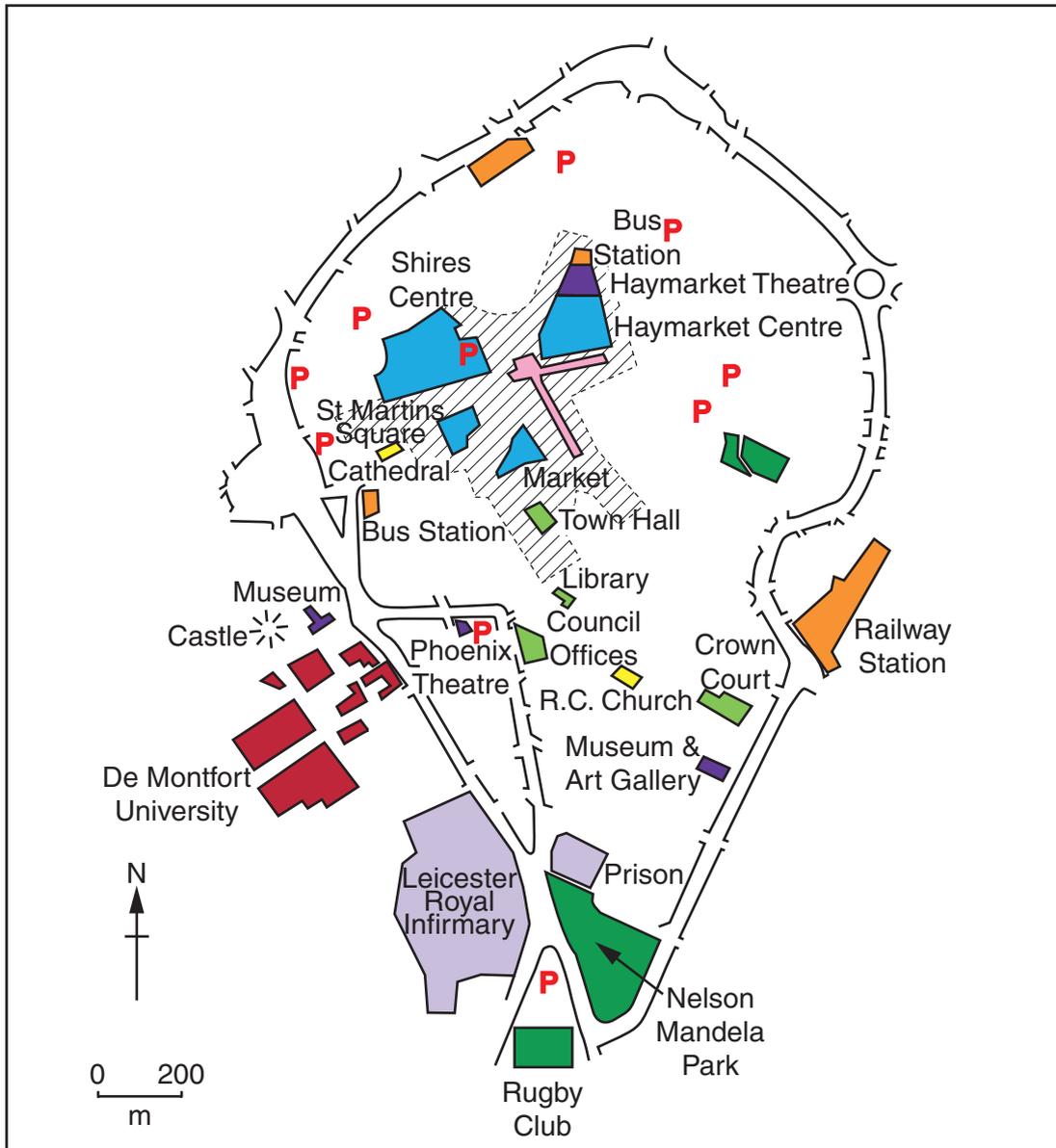


Fig. 9 for Question 10

The CBD of Leicester



Key

- | | | |
|--|--|--|
| university | places of worship | P car parks |
| parks/sports grounds | transport | |
| public buildings | shopping centres & markets | |
| hospitals & prisons | pedestrianized | |
| recreation | core of the CBD | |

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