



Oxford Cambridge and RSA

Accredited

GCSE (9–1) Geography A

(Geographical Themes)

J383/03 Geographical Skills

Sample Resource Booklet

Time allowed: 1 hour 30 minutes

INFORMATION FOR CANDIDATES

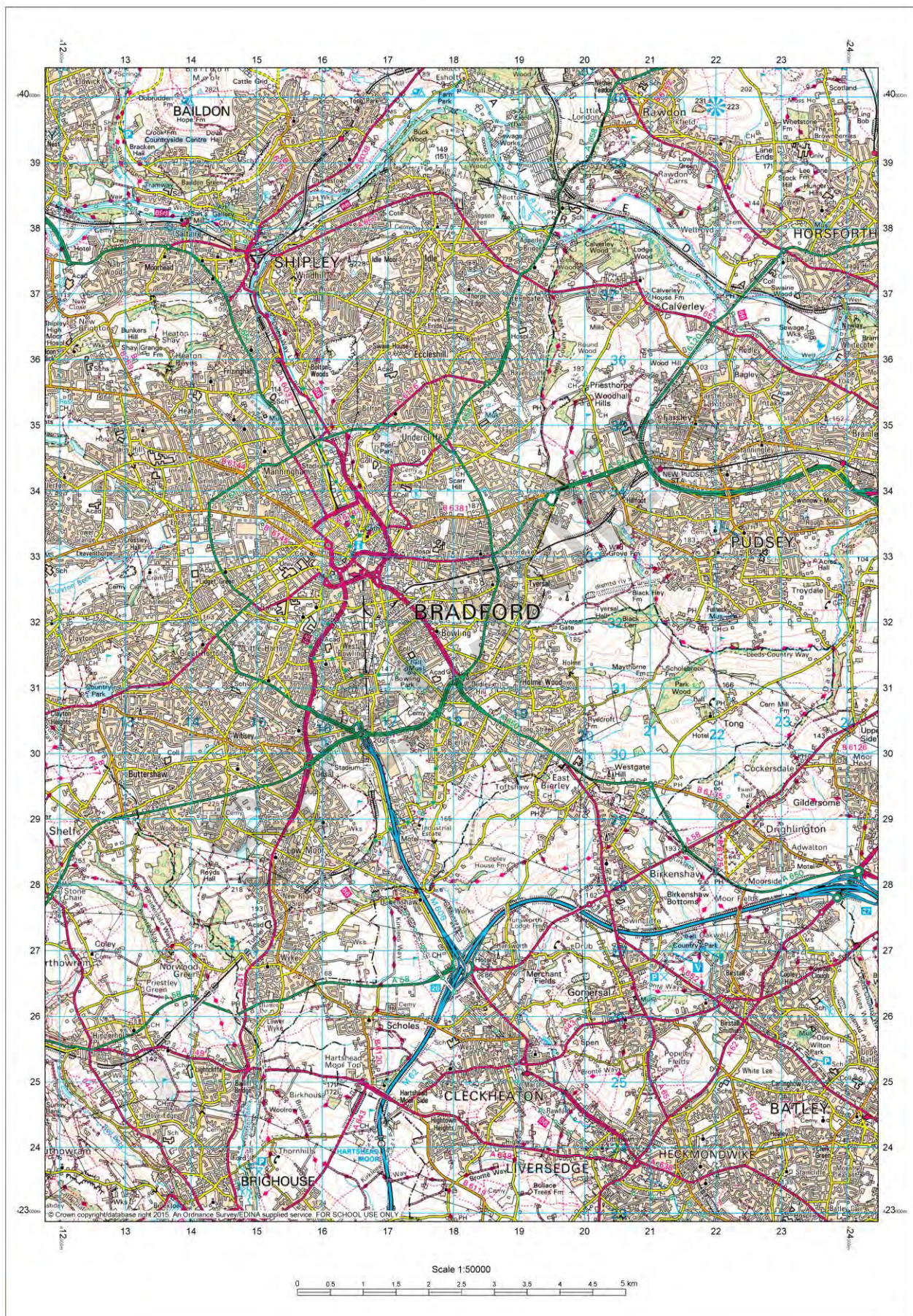
- The questions tell you which resources you need to use.
- This document consists of **12** pages. Any blank pages are indicated.

INSTRUCTION TO EXAMS OFFICER/INVIGILATOR

- Do not send this Resource Booklet for marking, it should be retained in the centre or recycled. Please contact OCR Copyright should you wish to re-use this document.

CONTENTS OF RESOURCE BOOKLET

- Fig. 1 – OS map extract of Bradford
- Fig. 2 – GIS (Geographical Information System) maps with information about Bradford
- Fig. 3 – Choropleth map showing distribution of Pakistani ethnicity across UK regions
- Fig. 4 – Components of population change in Bradford between 2009 and 2010
- Fig. 5 – Population projections for Bradford
- Fig. 6 – Average household electricity consumption for selected UK cities (KWh)
- Fig. 7 – Physical map of Nigeria
- Fig. 8 – Photographs of Lagos in Nigeria

Fig. 1 – OS map extract of Bradford

Communications

ROADS AND PATHS	VOIES DE COMMUNICATION	STRASSEN UND WEGE
Service area Junction number M1 Elevated En Viaduc Erhöht	Not necessarily rights of way Motorway (dual carriageway) Autoroute (chaussées séparées) avec aire de service et échangeur numérotés Autobahn (Zweibahnig) mit Servicestation und Anschlussstelle sowie Nummer der Anschlussstelle	Primary routes form a network of recommended through routes which complement the motorway system Primary Route Itinéraire principal Fernstrasse
Unfenced A 470 Sans clôture A 493	Dual carriageway Chaussées séparées Zweibahnige Strasse Footbridge Passerelle Fussgängerbrücke	Main road Route principale Hauptstrasse
Nicht eingezäunt B 4516	Road under construction Route en construction Strasse im Bau	Secondary road Route secondaire Nebenstrasse
A 855 B 886	Narrow road with passing places Route étroite avec voies de dépassement Enge Strasse mit Ausweichstellen	Road generally more than 4m wide Route généralement de plus de 4m de largeur Strasse, im allg über 4m breit
Bridge Pont Brücke	Road generally less than 4m wide Route généralement de moins de 4m de largeur Strasse, im allg unter 4m breit	Other road, drive or track Autre route, allée ou sentier Sonstige Strasse, Zufahrt oder Feldweg
	Path Sentier Fussweg	Gradient steeper than 20% (1 in 5), 14% to 20% (1 in 7 to 1 in 5) Pentes Supérieures à 20% (1 pour 5), 14% à 20% (1 pour 7 à 1 pour 5) Steigung über 20%, 14% bis 20%
	Gates Barrières Schranken	Road tunnel Tunnel routier Strassentunnel
Ferry P Ferry V	Ferry (passenger) Bac pour piétons Personenfähre	Ferry (vehicle) Bac pour véhicules Autofähre

Tourist Information

TOURIST INFORMATION	RENSEIGNEMENTS TOURISTIQUES	TOURISTENINFORMATION
Viewpoint Point de vue Aussichtspunkt	Camp site/caravan site Terrain de camping/Terrain pour caravanes Campingplatz/Wohnwagenplatz	
Visitor centre Centre pour visiteurs Besucherzentrum	Selected places of tourist interest Endroits d'un intérêt touristique particulier Ausgewählter Platz von touristischem Interesse	
Walks / Trails Promenades Wanderwege	Information centre, all year / seasonal Office de tourisme, ouvert toute l'année / en saison Informationsbüro, ganzjährig / saisonal	
Nature reserve Réserve naturelle Naturschutzgebiet	Picnic site Emplacement de pique-nique Picknickplatz	
Parking Parking Parkplatz	Park & Ride, all year / seasonal Parking et navette, ouvert toute l'année / en saison Park & Ride, ganzjährig / saisonal	
Youth hostel Auberge de jeunesse Jugendherberge	Telephone, public / roadside assistance Téléphone, public / borne d'appel d'urgence Telefon, öffentlich / Notrufsäule	
Golf course or links Terrain de golf Golfplatz	Recreation / leisure / sports centre Centre de détente / loisirs / sports Erholungs- / Freizeit- / Sportzentrum	
Garden Jardin Garten	World Heritage site/area Site du Patrimoine Mondial Welterbestätte	

General Information

LAND FEATURES

Cutting, embankment	Landfill site or slag/spoil heap
Electricity transmission line (pylons shown at standard spacing)	Coniferous wood
Pipe line (arrow indicates direction of flow)	Non-coniferous wood
Buildings	Mixed wood
Important building (selected)	Orchard
Bus or coach station	Park or ornamental ground
Glass Structure	Forestry Commission land
Helipoint	National Trust-always open
Current or former place of worship; with tower with spire, minaret or dome	National Trust-limited access, observe local signs
Place of worship	National Trust for Scotland - always open
Triangulation pillar	National Trust for Scotland - limited access, observe local signs
Mast	
Wind pump, wind turbine	
Windmill with or without sails	
Graticule intersection at 5° intervals	

WATER FEATURES



HEIGHTS

Contours are at 10 metres vertical interval.	Surface heights are to the nearest metre above mean sea level. Where two heights are shown, the first is the height of the natural ground in the location of the triangulation pillar, and the second (in brackets) is a separate point which is the highest natural summit.
Heights are to the nearest metre above mean sea level.	

ABBREVIATIONS

CH Clubhouse	CG Cattle grid
PH Public house	P Post office
PC Public convenience (in rural area)	MP Milepost
TH Town hall, Guildhall or equivalent	MS Milestone

ARCHAEOLOGICAL AND HISTORICAL INFORMATION

+ Site of antiquity	VILLA Roman	~ Battlefield (with date)
* Visible earthwork	Excavated Non-Roman	

Information provided by English Heritage for England and the Royal Commissions on the Ancient and Historical Monuments for Scotland and Wales.

ROCK FEATURES



Fig. 2 - GIS (Geographical Information System) maps with information about Bradford

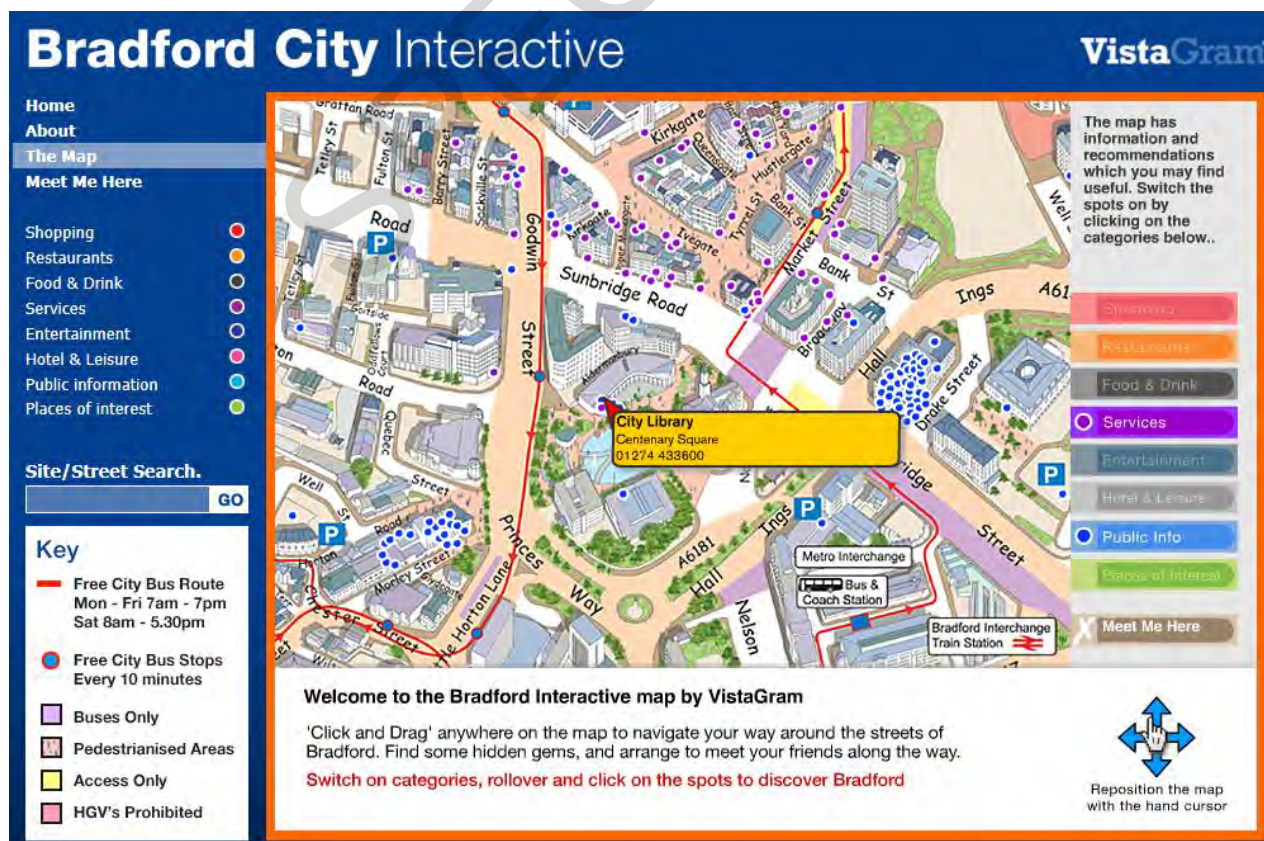
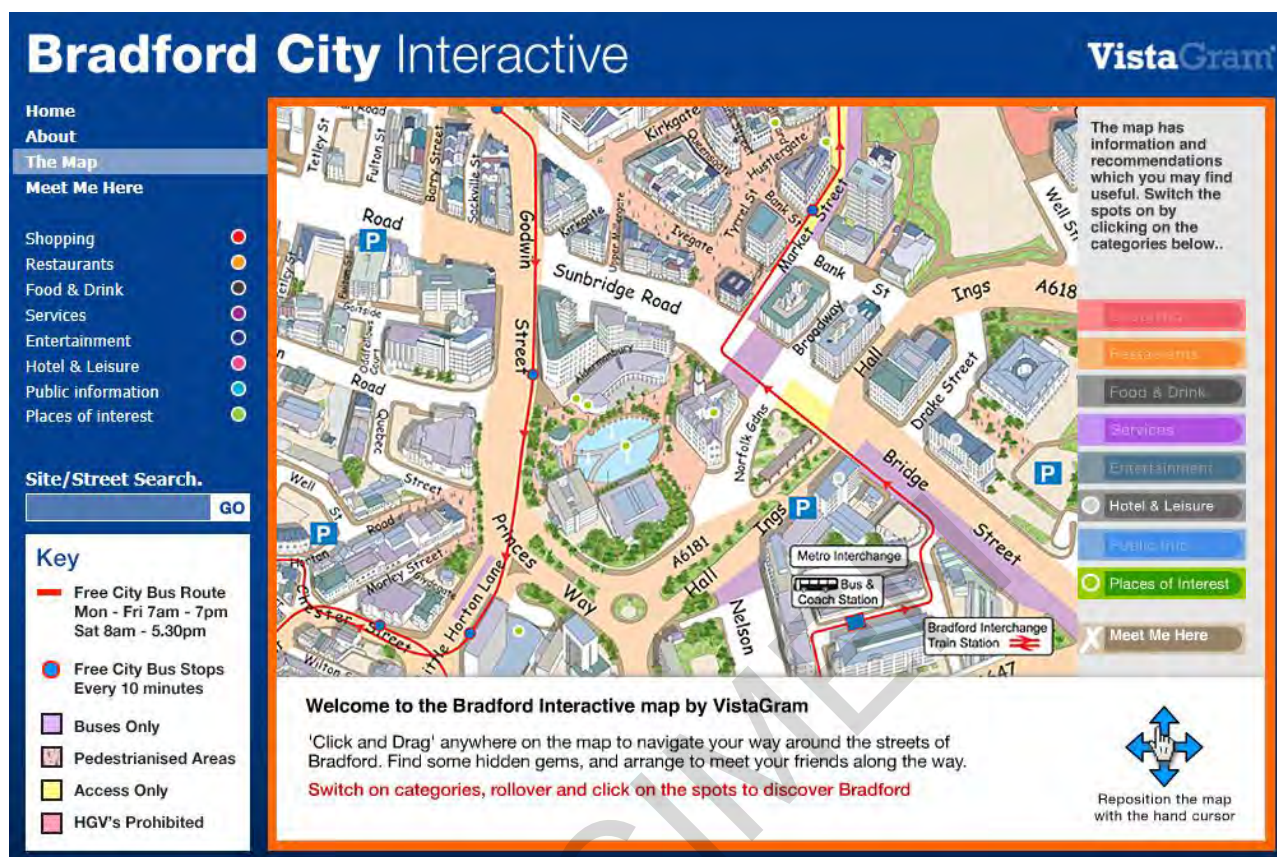


Fig. 3 – Choropleth map showing distribution of Pakistani ethnicity across UK regions

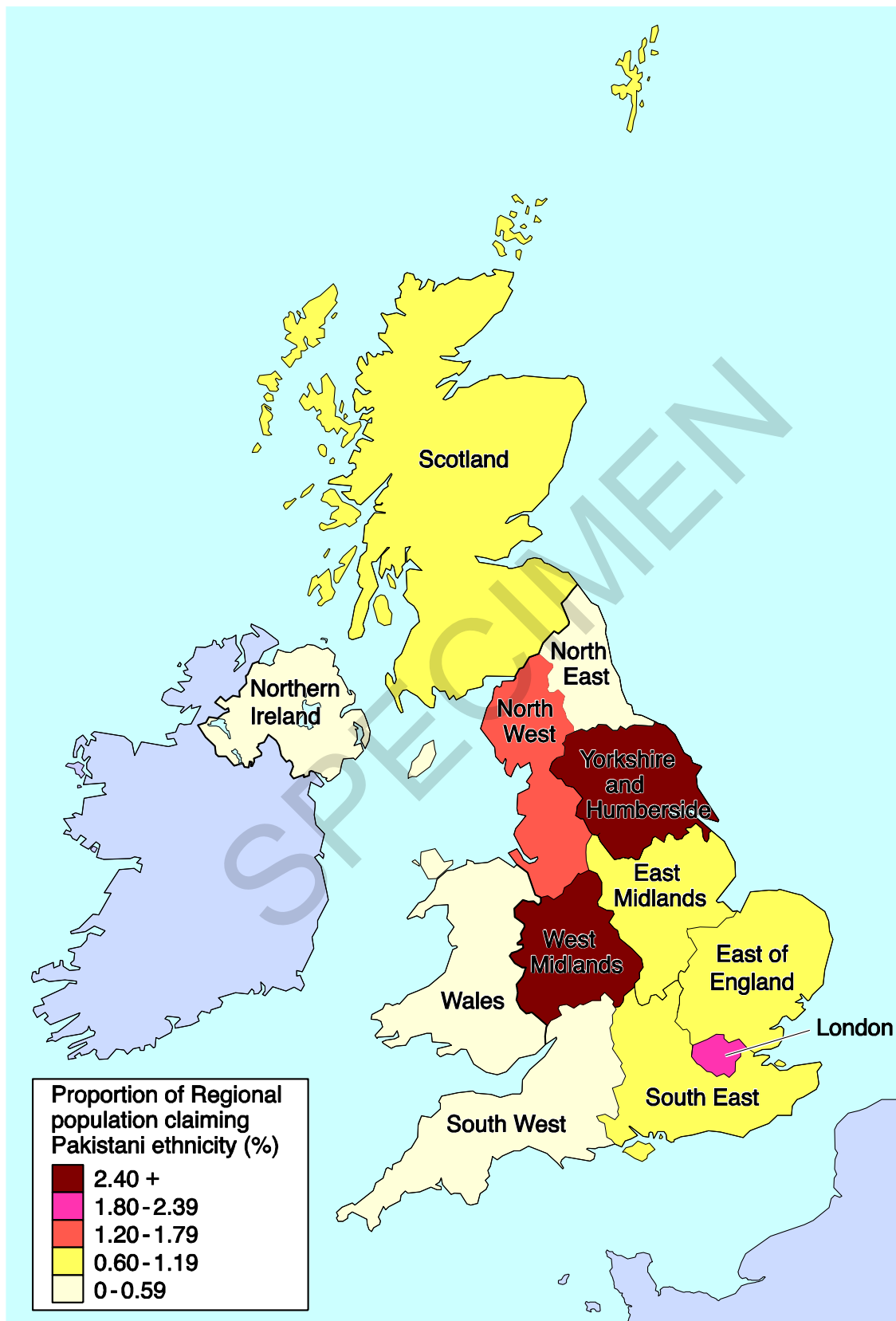


Fig. 4 – Components of population change in Bradford between 2009 and 2010

	2009-10
Population at start of period	506,800
Births	8,700
Deaths	4,300
Natural Change (births minus deaths)	4,400
International migration inflows	6,500
International migration outflows	2,000
Internal migration inflows	13,800
Internal migration outflows	16,800
Net migration	1,500
Total population change	5,900
Population at end of period	512,700

Fig. 5 – Population projections for Bradford

Projected Population: Bradford District 2010 - 2033

Source: Office for National Statistics

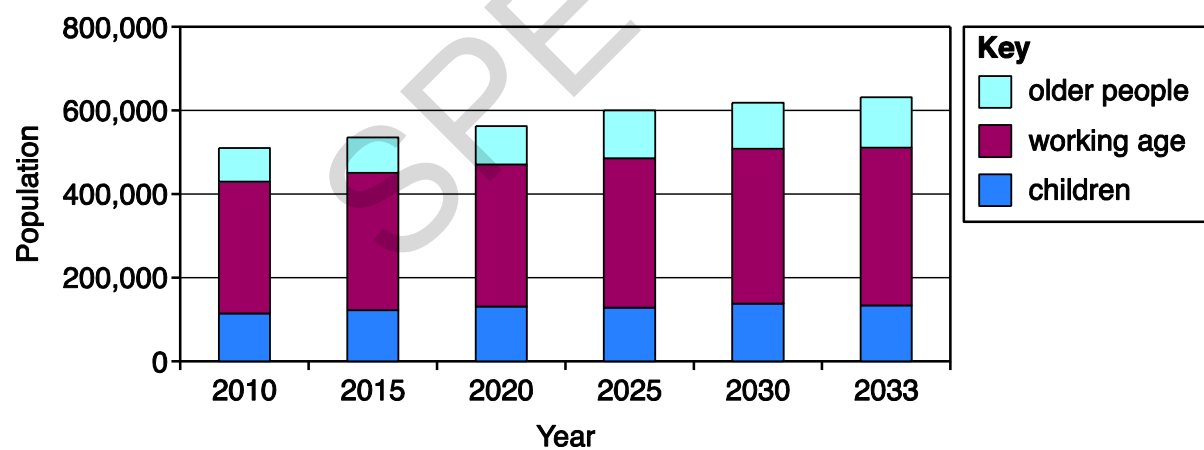


Fig. 6 – Average household electricity consumption for selected UK cities (KWh)

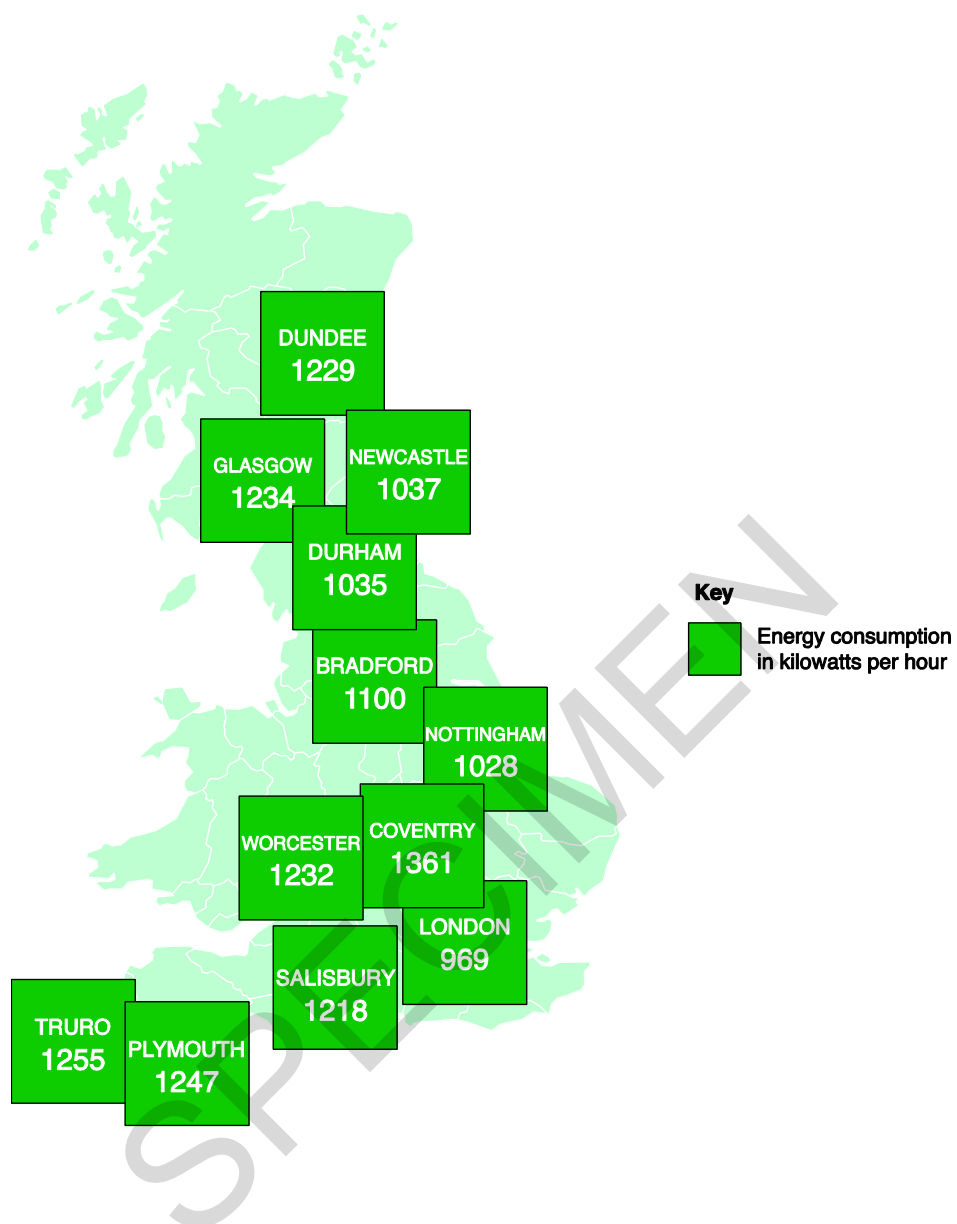


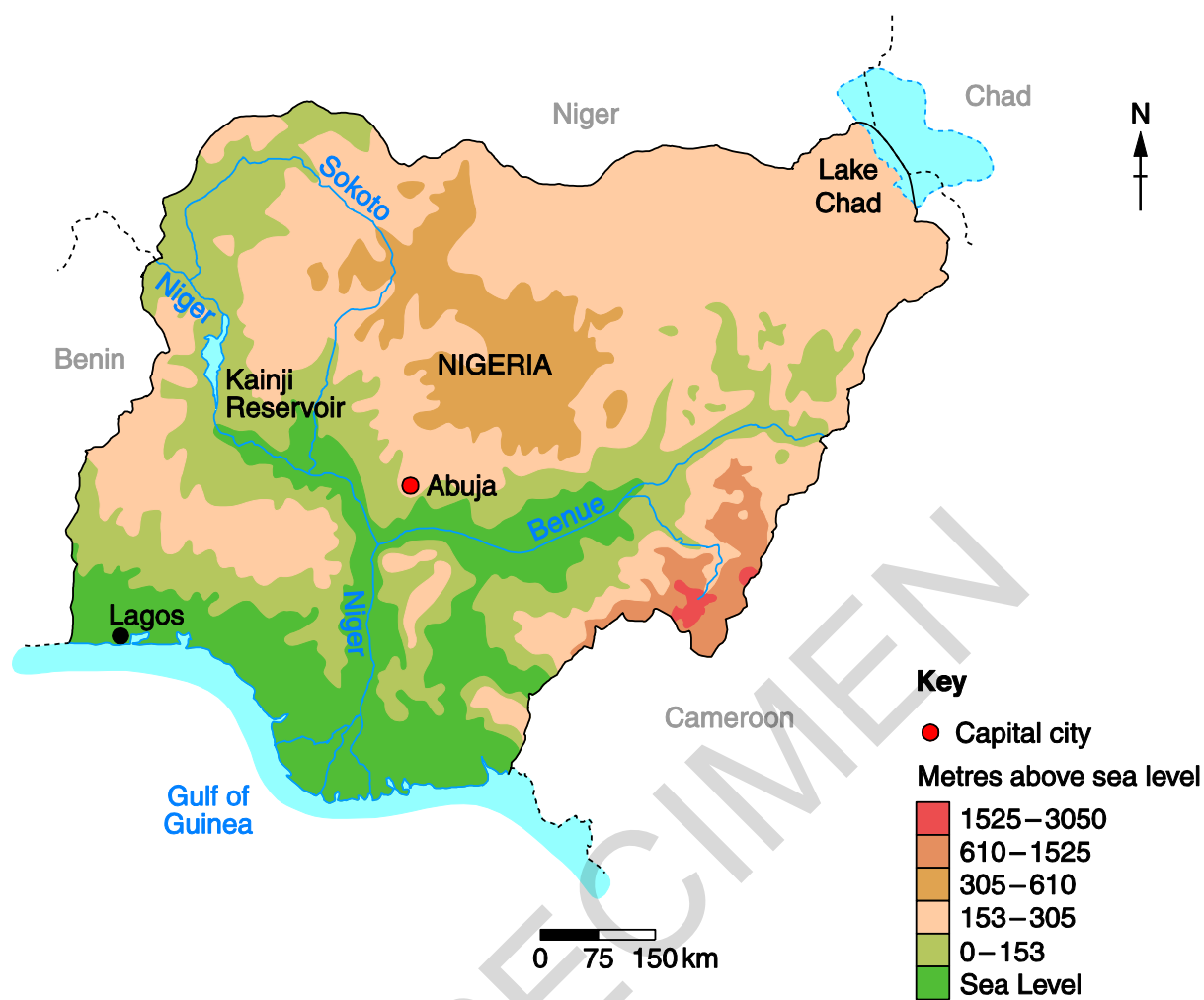
Fig. 7 – Physical map of Nigeria

Fig. 8 – Photographs of Lagos in Nigeria



BLANK PAGE

SPECIMEN

BLANK PAGE

SPECIMEN

BLANK PAGE

Copyright Information:

Fig. 1: © Crown copyright (2015), Ordnance Survey (100043707)

Fig. 2: Bradford City Interactive map, www.bradford-interactive.org, accessed Mar 2015. © Silvermaze 2009, reproduced by kind permission of Maps.com

Fig. 4: Extract from Bradford City Council, "Bradford Power: 2020 and beyond Renewable Futures for Bradford Council" for Environment and Waste Management Overview and Scrutiny Committee, BRADFORD CITY COUNCIL. © Crown Copyright. Reproduced under the terms of the Open Government Licence v3.0.

Fig. 5: Extract from Bradford City Council, "Bradford Power: 2020 and beyond Renewable Futures for Bradford Council" for Environment and Waste Management Overview and Scrutiny Committee, BRADFORD CITY COUNCIL. © Crown Copyright. Reproduced under the terms of the Open Government Licence v3.0.

Fig. 8: Two photos of Lagos, Nigeria © AKINTUNDE AKINLEYE/Reuters. Image supplied by Corbis, www.corbisimages.com

OCR is committed to seeking permission to reproduce all third-party content that it uses in the assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements booklet. This is produced for each series of examinations and is freely available to download from our public website (www.ocr.org.uk) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact the Copyright Team, First Floor, 9 Hills Road, Cambridge CB2 1GE.

OCR is part of the Cambridge Assessment Group; Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.