

Write your name here

Surname

Other names

**Pearson**  
**Edexcel GCSE**

Centre Number

--	--	--	--	--	--

Candidate Number

--	--	--	--	--	--

# Geography A

## Unit 1: Geographical Skills and Challenges

**Higher Tier**

Tuesday 13 May 2014 – Afternoon

**Time: 1 hour**

Paper Reference

**5GA1H/01**

**You must have:**

Resource Booklet (enclosed)

Ordnance Survey Map Extract (enclosed)

Total Marks

--

### Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*

### Information

- The total mark for this paper is 54.
- The marks for **each** question are shown in brackets – *use this as a guide as to how much time to spend on each question.*
- Questions labelled with an **asterisk** (\*) are ones where the quality of your written communication will be assessed – *you should take particular care on these questions with your spelling, punctuation and grammar, as well as the clarity of expression.*
- The marks available for spelling, punctuation and grammar are clearly indicated.

### Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

P43063RA

©2014 Pearson Education Ltd.

7/5/4/5/5/3



P 4 3 0 6 3 R A 0 1 1 2

**PEARSON**

**SECTION A – GEOGRAPHICAL SKILLS**

**Answer ALL questions in this section**

**1** (a) Study the Ordnance Survey (OS) map extract and Figure 1 in the Resource Booklet.

(i) Figure 1 shows a photograph taken from the summit of Brent Knoll (341509).

In which **compass direction** is the camera pointing and what is the **evidence** for this?

(2)

Compass direction .....

Evidence .....

.....

(ii) Describe the **pattern** of roads in the area to the south of Mark (3747) and north of the River Brue (3844).

(2)

.....

.....

.....

.....

(b) Burtle is a small village in the south east of the map extract (3943). Describe the **situation** and **land use** of the area around Burtle.

(4)

.....

.....

.....

.....

.....

.....

.....

.....



(c) Compare the **shape** of the two settlements: East Huntspill (3445) and Wedmore (4347).

(3)

.....

.....

.....

.....

.....

.....

(d) What is the distance along the Huntspill River between Gold Corner (367432) and where it passes under the railway (318444)?

(1)

..... km

(e) Using the OS map extract, complete the table below by identifying and locating the tourism interest features shown.

An example has been completed for you.

(2)

6 figure grid reference	Example of tourism feature
311471	Wildlife Park (near Highbridge)
393474	.....
.....	Information centre (Burnham-on-Sea)

**(Total for Question 1 = 14 marks)**



**2** Study Figure 2 in the Resource Booklet.

(a) Using data, compare the activities of visitors to Burnham-on-Sea aged 51–65 with those aged over 65.

(3)

.....

.....

.....

.....

.....

.....

.....

(b) Suggest **one** possible limitation when reaching conclusions using this survey data.

(2)

.....

.....

.....

.....

**(Total for Question 2 = 5 marks)**

---





**BLANK PAGE**



**SECTION B – CHALLENGES FOR THE PLANET**

**Answer ALL questions in this section**

**Spelling, punctuation and grammar will be assessed in 5\*(b)**

**4** (a) Study Figure 4 in the Resource Booklet.

(i) Describe the **two** global greenhouse gas emission predictions from 2010–2020.

(3)

.....

.....

.....

.....

.....

.....

.....

(ii) Explain **one human** activity that contributes to climate change.

(3)

.....

.....

.....

.....

.....

.....

.....

(b) Describe **one** example of a government response to climate change.

(2)

.....

.....

.....

.....



(c) Study the OS map extract of the area to the east of Burnham-on-Sea.

Using evidence from the OS map extract and your own knowledge, describe how some locations on the map extract might be at risk from future sea level rise.

(4)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

**(Total for Question 4 = 12 marks)**





5 (a) Suggest how some large organisations use **policies** or **actions** to become more sustainable.

(4)

.....

.....

.....

.....

.....

.....

.....

.....

.....





**BLANK PAGE**



**BLANK PAGE**



**Pearson Edexcel GCSE**

# **Geography A**

**Unit 1: Geographical Skills and Challenges**

**Paper 1F and 1H**

Tuesday 13 May 2014 – Afternoon

**Resource Booklet**

Paper Reference

**5GA1F/01**

**5GA1H/01**

**Do not return the Resource Booklet with the question paper.**

## **Information**

This Resource Booklet contains photographs, maps and diagrams needed for use with the Unit 1 Geographical Skills and Challenges examination. This Resource Booklet is for use with both Foundation and Higher tiers.

*Turn over* ►

**P43062RA**

©2014 Pearson Education Ltd.

7/5/4/5/5/4/3



**PEARSON**

## SECTION A – GEOGRAPHICAL SKILLS



**Figure 1 – A view from the summit of Brent Knoll (341509).**

Activity	Age				Totals
	Under 30	30-50	51-65	Over 65	
Dog walking	10	32	42	8	92
Jogging	6	16	12	6	40
Visiting friends	7	0	0	10	17
Sightseeing	4	8	9	6	27
Totals	27	56	63	30	176

**Figure 2 – Results from a survey of visitors to Burnham-on-Sea, January 19th 2013.**

# Calls for emergency action as Somerset Levels farmers face flood disruption



 Western Morning News  Follow

Monday, June 25, 2012

Farmers on the Somerset Levels may have to wait until at least the end of the year before their land can be replanted after serious flooding over the last few weeks.

Days of heavy rain brought fresh flooding and more misery for farmers in the area with more rain to fall over the weekend.

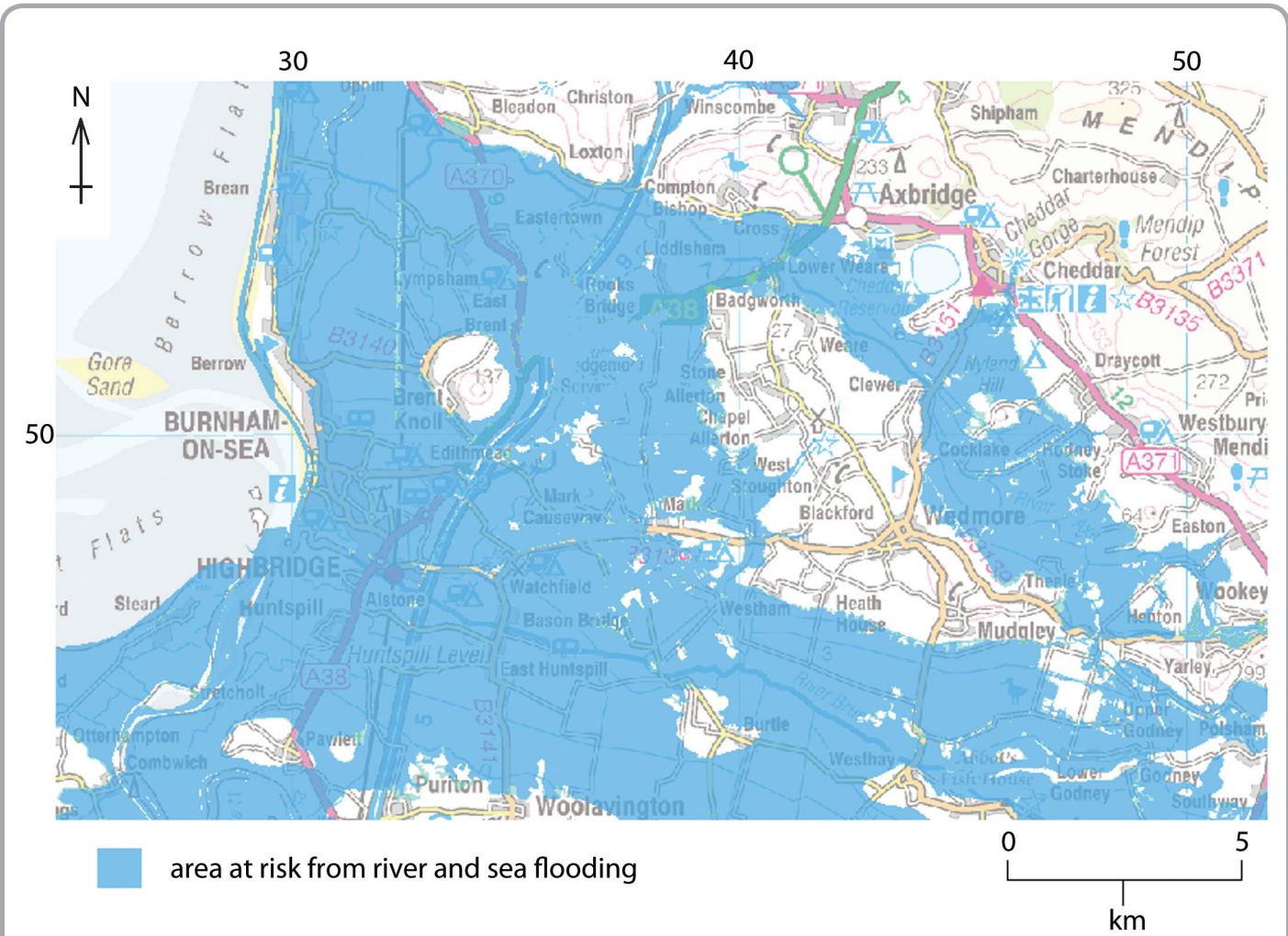


The River Brue on the Somerset Levels about to flood, with Glastonbury Tor in the distance

(Source: adapted from <http://www.thisissomerset.co.uk/story-16446865-detail/story.html#axzz2LWrEvhZr>)

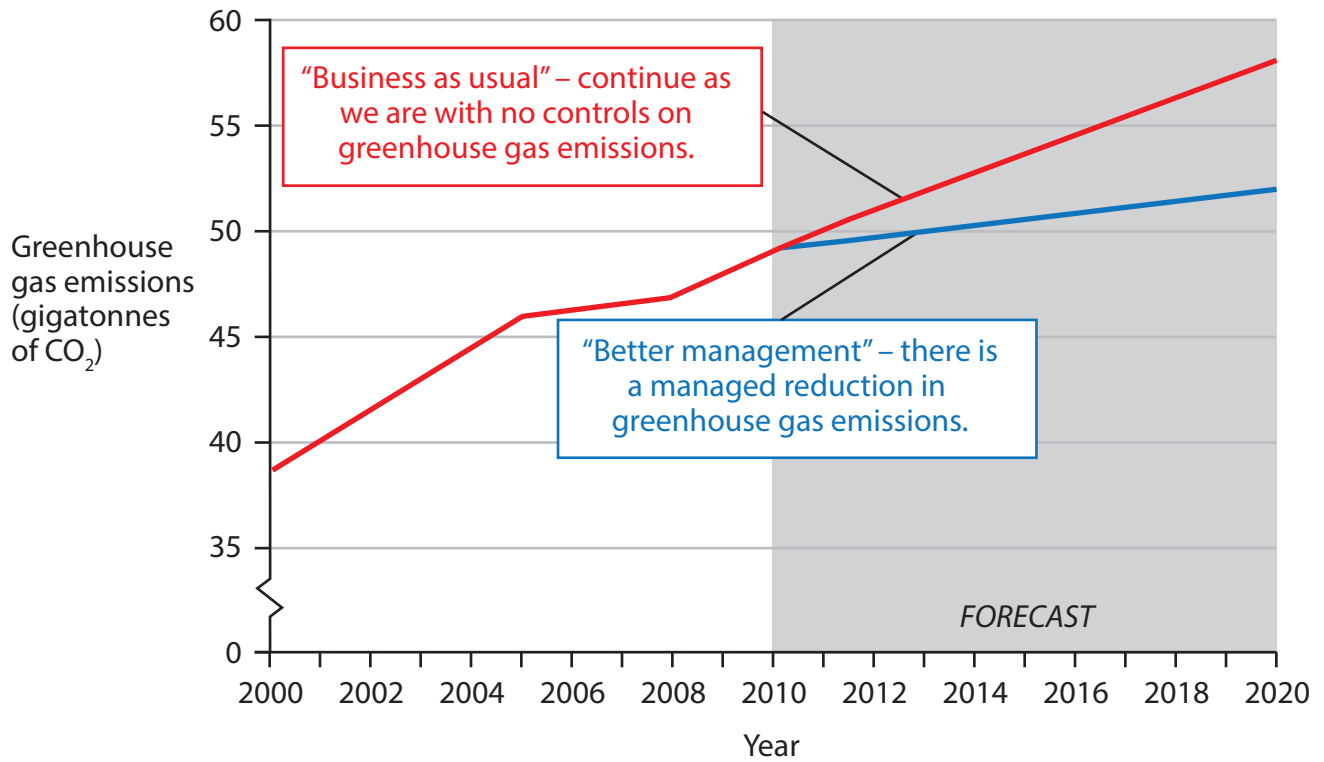
**Figure 3a – An extract from a website showing the impacts of flooding for local farmers on the Somerset Levels.**





**Figure 3b – An Environment Agency GIS map showing flood risk (from rivers and the sea) around Burnham-on-Sea, Somerset.**

## SECTION B – CHALLENGES FOR THE PLANET



**Figure 4 – Two predictions made in 2010 about global greenhouse gas emissions.**

**BLANK PAGE**

**BLANK PAGE**





Four colours should appear above; if not then please return to the invigilator.  
Four colours should appear above; if not then please return to the invigilator.

ROADS AND PATHS	Not necessarily rights of way
Junction number	
Service area	
Elevated	
M1	
Unfenced	
A 470	Dual carriageway
A 493	Footbridge
B 4518	
A 855	Bridge
B 885	
	Road under construction
	Secondary road
	Narrow road with passing places
	Road generally more than 4m wide
	Road generally less than 4m wide
	Path / Other road, drive or track
	Gradient: steeper than 20% (1 in 5), 14% to 20% (1 in 7 to 1 in 5)
	Gates, Road tunnel
Ferry P	Ferry (passenger), Ferry (vehicle)
Ferry V	

RAILWAYS	
	Track multiple or single
	Track under construction
	Siding
	Tunnel, cuttings
	Light rapid transit system, narrow gauge or tramway
	Bridges, footbridge
	Level crossing
	Viaduct, embankment
	Station, (a) principal
	Light rapid transit system station

WATER FEATURES	
	Marsh or salting
	Towpath
	Lock
	Ford
	Beacon
	Flat rock
	Lighthouse (in use)
	Lighthouse (disused)
	Low water mark
	High water mark
	Canal (dry)

HEIGHTS	
	1 metre = 3.2808 feet
	Contours are at 10 metres vertical interval
	Outcrop
	Cliff
	Scree

PUBLIC RIGHTS OF WAY	
	Footpath
	Bridleway
	Restricted byway
	Byway open to all traffic

The symbols show the defined route so far as the scale of mapping will allow.  
The representation on this map of any other road, track or path is no evidence of the existence of a right of way. Not shown on maps of Scotland

OTHER PUBLIC ACCESS	
	Other route with public access (not normally shown in urban areas). Alignments are based on the best information available. These routes are not shown on maps of Scotland.
	On-road cycle route
	Traffic-free cycle route
	National Cycle Network number
	Regional Cycle Network number
	National Trail, European Long Distance Path, Long Distance Route, selected Recreational Routes

BOUNDARIES	
	National
	District
	County, Unitary Authority, Metropolitan District or London Borough
	National Park

TOURIST INFORMATION	
	Camp site / caravan site
	Garden
	Golf course or links
	Information centre (all year / seasonal)
	Nature reserve
	Parking, Park and ride (all year / seasonal)
	Picnic site
	Recreation / leisure / sports centre
	Selected places of tourist interest
	Telephone, public / roadside assistance
	Viewpoint
	Visitor centre
	Walks / Trails
	World Heritage site or area
	Youth hostel

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

ABBREVIATIONS			
Br	Bridge	MS	Milestone
Cem	Cemetery	Mus	Museum
CG	Cattle grid	P	Post office
CH	Clubhouse	PC	Public convenience (in rural areas)
Fm	Farm	PH	Public house
Ho	House	Sch	School
MP	Milepost	TH	Town Hall, Guildhall or equivalent

