

Write your name here

Surname

Other names

Pearson
Edexcel GCSE

Centre Number

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Candidate Number

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Geography A

Unit 1: Geographical Skills and Challenges

Higher Tier

Monday 22 May 2017 - Afternoon

Time: 1 hour

Paper Reference

5GA1H/01

You must have:

Resource Booklet (enclosed)
Ordnance Survey Map Extract (enclosed)

Total Marks

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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 ►

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SECTION A – GEOGRAPHICAL SKILLS

Answer ALL questions in this section.

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

(a) (i) What is the number of the road shown in the photograph? (1)

.....

(ii) Which compass direction is the River Ewe flowing where it enters the sea in grid square 8580? (1)

.....

(iii) What is the distance along the road between the place of worship at Poolewe (857807) and the centre of the small settlement at Naast (827833)? (1)

..... km

(b) Describe the relief and land use of the area between North Erradale (7481) in the west and Poolewe (8580) in the east. (4)

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(c) Gairloch (8076 and 8077) is a small town that has facilities for tourists.

Using the OS map extract, complete the table below with **two** tourist facilities and grid references.

An example has been completed for you.

(2)

Tourist facility	Six-figure grid reference
Viewpoint	804 775

(Total for Question 1 = 9 marks)



2 (a) Study Figure 2a.

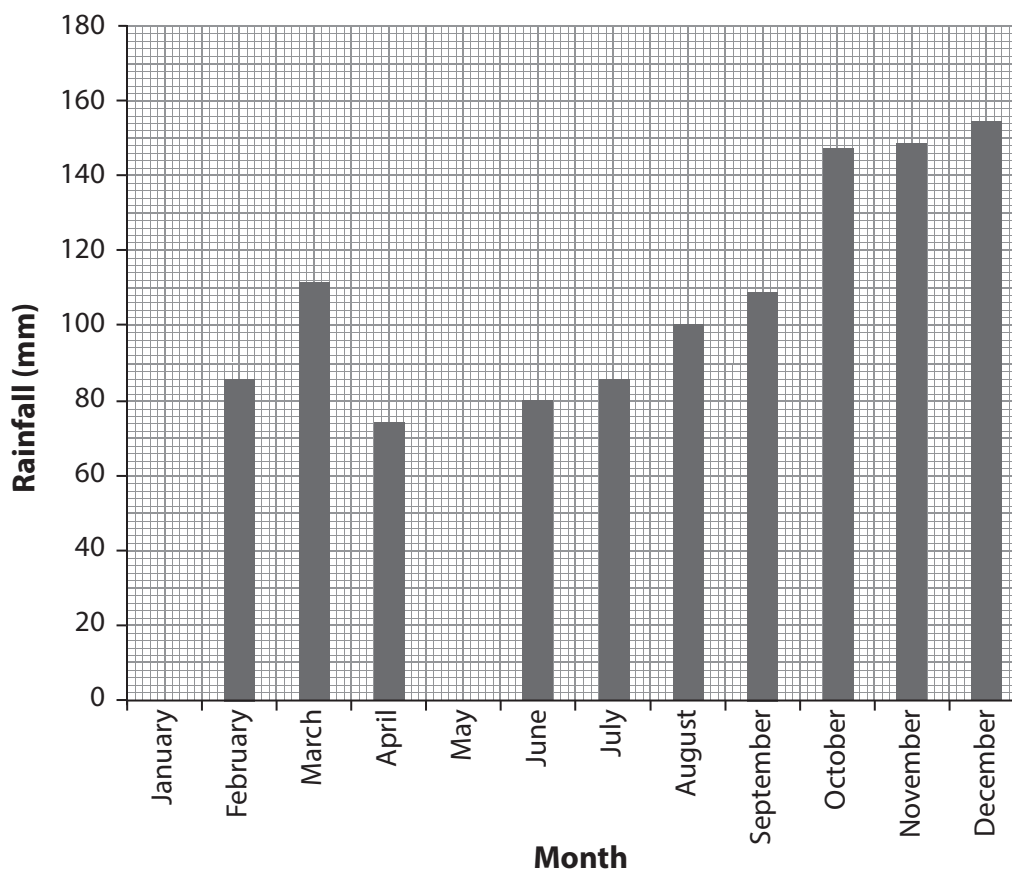


Figure 2a

**Average monthly rainfall in Gairloch, Wester Ross,
North West Highlands of Scotland**

Complete the rainfall graph (Figure 2a) using the information in Figure 2b.

(2)

Month	Rainfall (mm)
January	144
May	70

Figure 2b

**Additional data for average monthly rainfall in Gairloch, Wester Ross,
North West Highlands of Scotland**



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(b) Study Figure 2c in the Resource Booklet.

(i) State the maximum rainfall received in the area of Wester Ross. (1)

..... mm

(ii) Describe the pattern of rainfall shown in Figure 2c. (3)

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(c) Study Figure 2d in the Resource Booklet.

Explain **one** advantage of the technique used to present the information in Figure 2d. (3)

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(Total for Question 2 = 9 marks)



3 Study Figure 3 in the Resource Booklet.

(a) Outline **two** disadvantages of using photographs to show geographical information.

(4)

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(b) Explain **one** advantage of using information from the television or the internet (such as YouTube or Twitter), as a way of conducting geographical research.

(3)

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(Total for Question 3 = 7 marks)

TOTAL FOR SECTION A = 25 MARKS



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SECTION B BEGINS ON THE FOLLOWING 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 4a in the Resource Booklet.

(i) Using Figure 4a, describe the predicted benefits of sustainable transport policies.

(4)

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(ii) Compare **two** different sustainable transport schemes.

(4)

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(b) Study Figure 4b in the Resource Booklet.

(i) State **one** natural cause of the changes shown in Figure 4b. (1)

(ii) Explain **one** way that the burning of fossil fuels contributes to climate change. (2)

(Total for Question 4 = 11 marks)



5 (a) Study Figure 5 in the Resource Booklet.

(i) Describe the pattern shown by the data in Figure 5.

(3)

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(ii) Suggest **one** reason why there is a lack of acceptance of climate change by some people.

(2)

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*(b) Examine the negative effects that climate change is having on both people and the environment.

(9)

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(Total for spelling, punctuation and grammar = 4 marks)
(Total for Question 5 = 18 marks)

TOTAL FOR SECTION B = 29 MARKS
TOTAL FOR PAPER = 54 MARKS



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