

Surname	Centre Number	Candidate Number
First name(s)		2



GCE AS

B110U20-1



O20-B110U20-1



TUESDAY, 13 OCTOBER 2020 – AFTERNOON

**GEOGRAPHY – AS component 2
CHANGING PLACES**

1 hour 15 minutes

For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.	16	
2.	24	
3.	20	
4.	10	
5.	10	
Total	80	

ADDITIONAL MATERIALS

- a calculator.

INSTRUCTIONS TO CANDIDATES

Answer **all** questions.

Use black ink or black ball-point pen.

Write your name, centre number and candidate number in the spaces at the top of this page.

Write your answers in the spaces provided in this booklet.

If further space is required you should use the continuation pages at the end of this booklet. The question number(s) should be clearly shown.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets [] at the end of each question or part-question; you are advised to divide your time accordingly.

This paper requires that you make as full use as possible of appropriate examples and reference to data to support your answers. Sketch maps and diagrams should be included where relevant.

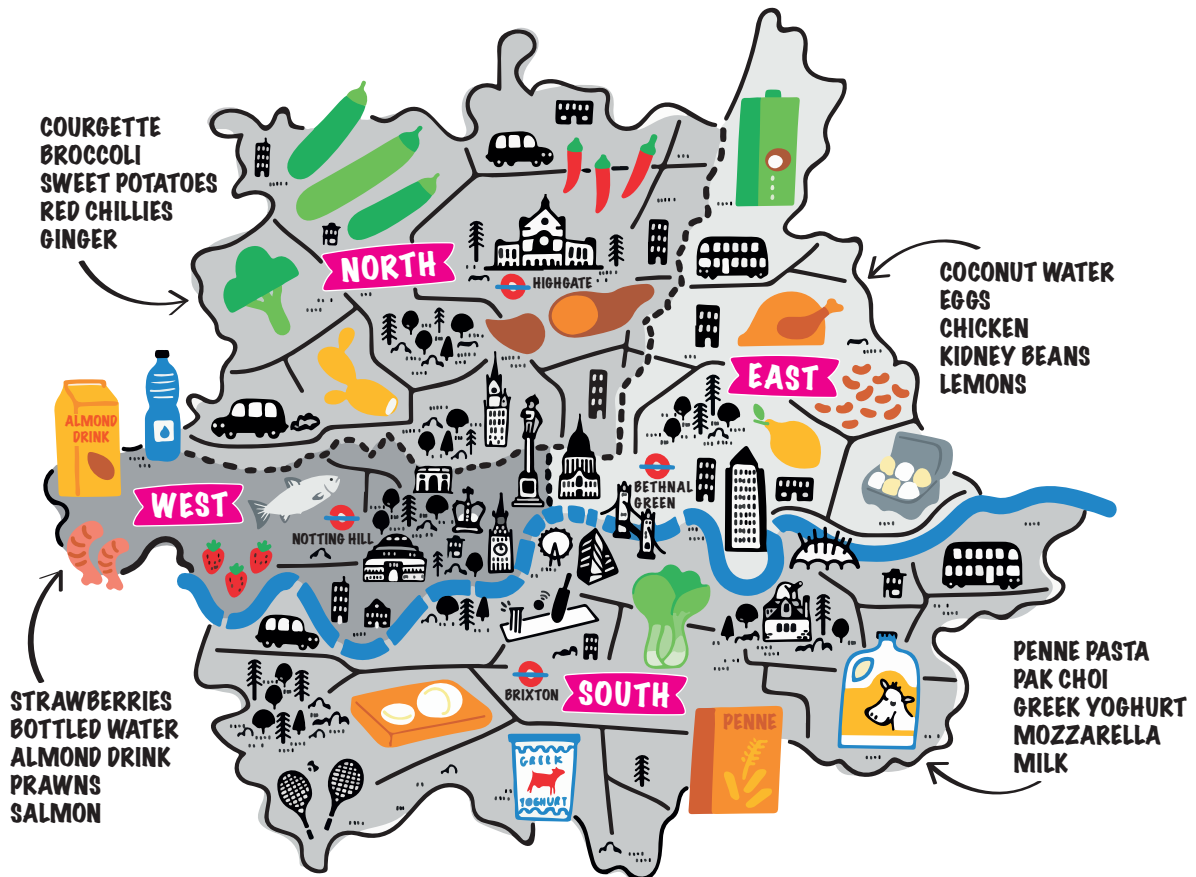
A plain page is available at the end of each section for you to add any relevant sketch maps and diagrams you may wish to include. The question number(s) should be clearly shown.

Section A – Changing Places

Answer all questions.

Make the fullest possible use of examples and data to support your answers.

Figure 1: Most popular items delivered by Amazon Fresh in each region of London, 2017



Source: www.timeout.com

1. (a) (i) Assess the usefulness of **Figure 1** to represent London to different groups of people. [3]

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- (ii) Use **Figure 1** to suggest why people's attachments to a place may vary. [3]

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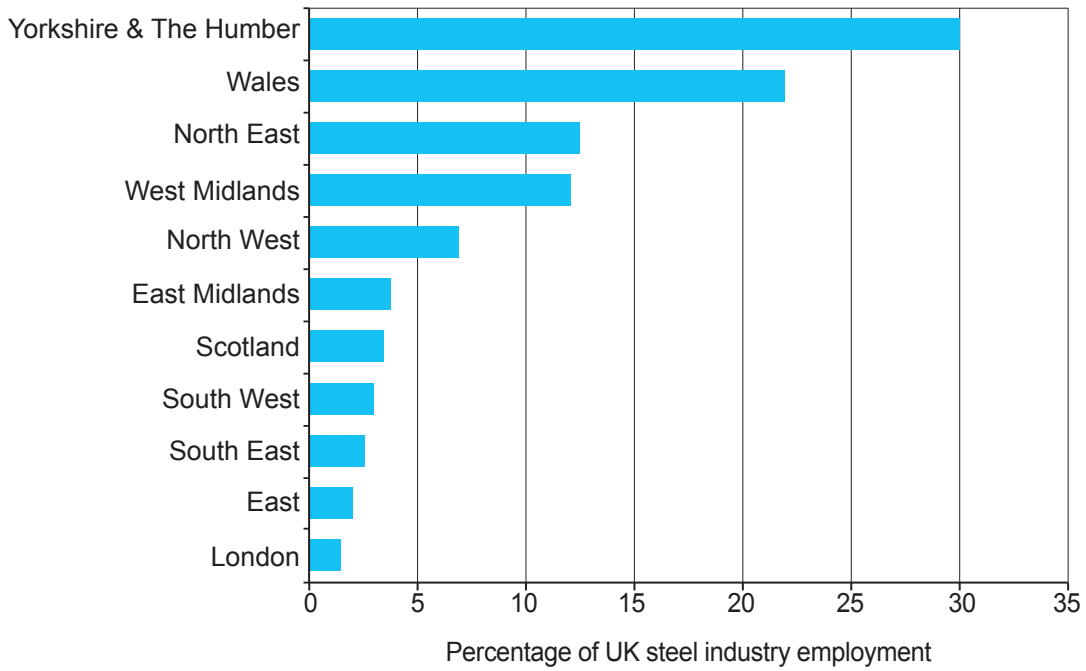
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Figure 2: Regional distribution of employment in the UK steel industry, 2014



Source: *Buisness Register and Employment Survey (2014)*

2. (a) (i) Use **Figure 2** to describe the regional distribution of employment. [4]

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(ii) Explain why a Lorenz Curve would be a suitable alternative graphical technique to display the data used in **Figure 2**. [3]

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(b) Outline the role of government in influencing economic restructuring of place. [5]

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Additional space for question 2(c):

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Section B – Fieldwork Investigation in Physical and Human Geography

Answer all questions.

*In your answers to Section B you should include evidence from **your** fieldwork investigations in **physical geography and human geography**.*

3. A group of AS level Geography students investigated levels of deprivation in one of Glasgow’s 23 electoral wards. They wanted to select a ward at random so used a random number generator.

(a) Explain why random sampling is inappropriate for selecting a location for this fieldwork. [5]

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The group devised a bipolar survey to judge housing quality in different parts of the selected ward. A bipolar survey investigates attitudes or perceptions towards particular factors and is based on opposing statements. The survey used a scoring system between the opposing statements. Part of the draft survey is given below:

Figure 3: Bipolar survey on housing quality

	-5	-4	-3	-2	-1	1	2	3	4	5	
High density (many properties in a small space)											Low density (few properties in a small space)
Small / no garden											Large garden

- (b) (i) Suggest **two** more pairs of bipolar statements that students could use to investigate housing quality. Insert the statements into **Figure 3**. [2]
- (ii) Suggest why the students did not include 0 (zero) as a potential score in the bipolar survey. [3]

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The students used some secondary data to investigate housing tenure (ownership). This is the data that was available on Glasgow City Council's website:

Figure 4: Housing tenure in Glasgow

Housing tenure	Number of households
Owner occupied	4,736
Private rented	3,336
Glasgow Housing Association	
Other social rented	4,200
Total	14,132

- (c) (i) Calculate the total number of houses owned by Glasgow Housing Association. Show your working. [2]

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- (ii) What percentage of the houses are owner occupied? Give your answer to 1 decimal place. Show your working. [3]

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The students wanted to understand how the selected ward had changed from an area of affluence to one of deprivation. They decided to visit a day centre for elderly people to interview the residents about their memories of the area.

(d) Evaluate the suitability of this method for collecting reliable data. [5]

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