

Surname	Centre Number	Candidate Number
Other Names		2



**GCE AS – NEW**

B110U20-1



S18-B110U20-1



**GEOGRAPHY – AS component 2  
CHANGING PLACES**

THURSDAY, 24 MAY 2018 – MORNING

1 hour 15 minutes

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

**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: Painting of Loch Lomond, Scotland by W.M. Turner, 1834**



Source: [www.william-turner.org](http://www.william-turner.org)

**Figure 2: Online advertisement for Loch Lomond Leisure, 2017**



Source: [www.lochlomond-scotland.com](http://www.lochlomond-scotland.com)

1. (a) (i) Use **Figures 1 and 2** to compare the ways in which Loch Lomond is represented. [4]

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(ii) Suggest **one** way in which the activities shown in **Figure 2** could lead to conflict. [2]

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(b) Examine the economic impacts of the growth of the quaternary industry.

[10]

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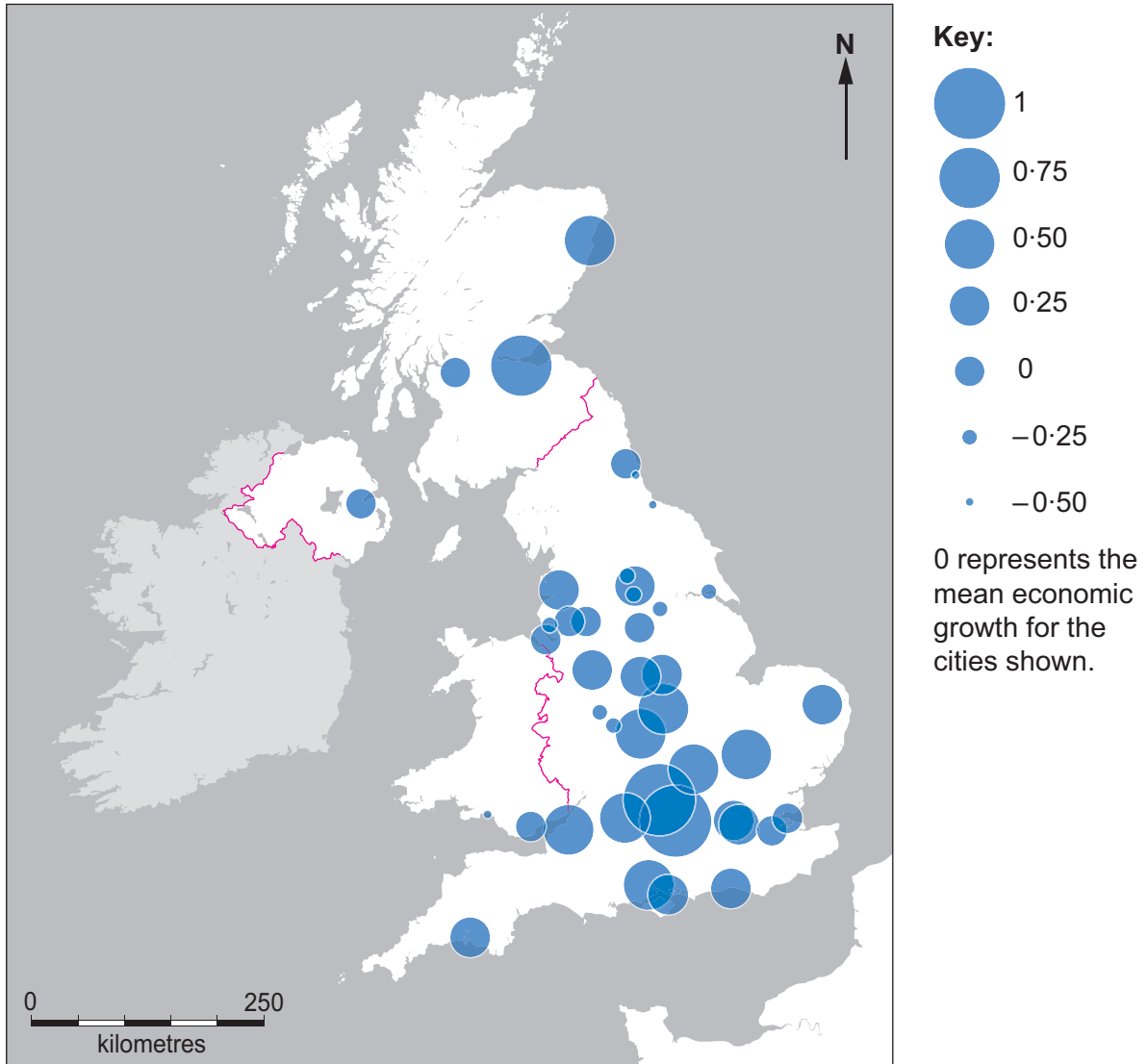
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**Figure 3: Cities in the UK with the strongest economic growth, 2013-2015**



*Based on Good Growth for Cities Index 2016*

2. (a) (i) Describe the pattern of economic growth for cities in England and Wales shown in **Figure 3**. [4]

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- (ii) Estimate the range in growth rates for cities in Scotland shown in **Figure 3**. Show your working. [2]

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- (b) Outline **one** social change in urban places experiencing regeneration. [3]

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- (c) To what extent have some rural communities managed continuity and change more successfully than others? [15]

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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. During their A level fieldwork investigation, a group of students undertook a study of two footpaths in the Lake District. The first was a popular tourist footpath; the second was in a less accessible location and not usually open to the general public. They used the hypothesis:

**The popular tourist footpath will show more evidence of erosion than the less accessible footpath.**

- (a) Suggest how the students planned to investigate this hypothesis. [5]

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The students measured the proportions of types of cover on each footpath, noting the percentage of bare earth, grass cover and bare rock. They took samples across sections of the footpaths.

- (b) (i) Justify an appropriate sampling technique for collecting the data about footpath cover. [3]

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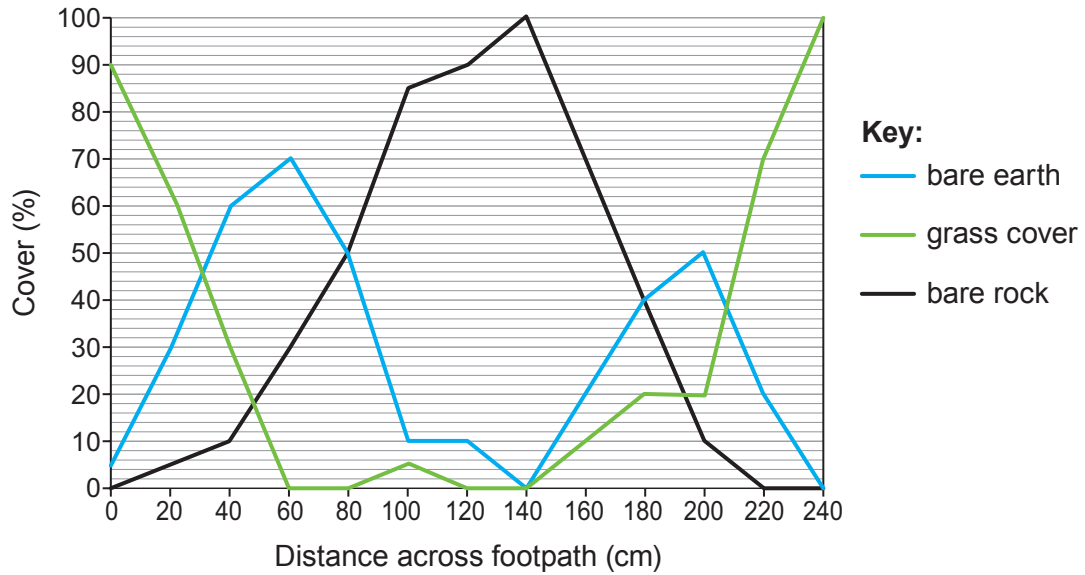
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**Figure 4: Changes in proportions of types of cover across one section of the popular tourist footpath**



*Adapted from field-studies-council.org*

(ii) Suggest why the graph used in **Figure 4** is a suitable way to present the data. [3]

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(iii) Justify **one** alternative way to present the data used in **Figure 4**. [3]

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- (c) The students included images in their investigation. Some took photographs on their smart phones and others drew field sketches. Suggest the advantages of each of these two techniques. [6]

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4. With reference to your fieldwork investigation in **physical** geography, justify the method(s) used to analyse your data. [10]

*You should state clearly the title of your **physical** geography investigation.*

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5. Evaluate the contribution of planning to your fieldwork investigation in **human** geography. [10]

*You should state clearly the title of your **human** geography investigation.*

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