

**GCSE (9-1) Geography**  
**Eduqas A and Eduqas B**  
**2019 MOCK COMPONENT 3**  
**APPLIED FIELDWORK ENQUIRY**

**Part C**

**Spend about 45 minutes on this part**

Name .....

| For examiner's use only |    | SPaG |
|-------------------------|----|------|
| Part A                  | 18 | 0    |
| Part B                  | 18 | 0    |
| Part C                  | 36 | 4    |
| Total Marks             | 72 | 4    |

**ADDITIONAL MATERIALS**

Resource folder. You will also require a calculator and a ruler.

**INSTRUCTIONS TO CANDIDATES**

Answer **all** of the questions in this examination paper.

Use black ink or black ball-point pen.

Write your answers in the spaces provided in this booklet.

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

### Part C: The wider UK dimension

Answer **all** parts of this question.

You should use your understanding of UK geography to support your answers.

Some business leaders and politicians believe that the South-East of England is at risk of losing business to other parts of Europe. This is because cities like Amsterdam are better connected to the rest of the world by large international airports. To mitigate (reduce) the economic risk, it is proposed that Heathrow should have a third runway.

3. (a) London is the UK's most important global city. Tick **two** reasons why cities such as London are described as global cities. [2]

| London has ...  | Tick (✓) <b>two</b> |
|---|---------------------|
| a much larger population than any other UK city.  |                     |
| attracted migrants from many countries over the last 100 years so has a multicultural population. |                     |
| a lot of jobs so attracts commuters from all over the UK.   |                     |
| some of the UK's busiest roads.   |                     |
| offices of many banks and other trans national companies.   |                     |

(b) Heathrow is the UK's largest airport. It is located close to London.

Study **Figure 1 on page 2** of the Resource Folder. Use this map to tick (✓) **two** true statements in the list below. [2]

|   | Tick (✓) <b>two</b> |
|---|---------------------|
| Heathrow is located outside the M25 and close to the end of the M3 and M4 |                     |
| Heathrow is located inside the M25 and close to the end of the M3 and M4  |                     |
| Heathrow is west of London and north-west of Birmingham                   |                     |
| There are 5 airports within 100km of the City of London                   |                     |
| Heathrow is about 30km from the City of London and 175km from Birmingham  |                     |

(c) London is connected to other parts of the UK and the rest of the world by Heathrow airport. A lot of imports and exports go through Heathrow.

Study **the table in Figure 2 on page 3** of the Resource Folder.

(i) Calculate the median value for imports/exports for these 10 airports. [2]  
Show you working in the space below.

|              |
|--------------|
| Median ..... |
|--------------|

(ii) Study **the graphs in Figure 3 and Figure 4 on page 3** of the Resource Folder. Which of these graphs is the most appropriate way to represent the data in Table 2? Explain why you have chosen this graph. [4]

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(iii) Give **one** reason why exports are important to business in the UK. [2]

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(iv) Apart from imports and exports, give **one** other reason why it is important for global cities to have good transport links like airports. [2]

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(d) The UK Government thinks that Heathrow should expand. This would mean an extra runway and new airport buildings would be built. More flights would be able to take off and land. Explain why the expansion of Heathrow is likely to have positive effects on people and the economy in the South East of England. [6]

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(e) Many people object to the expansion of Heathrow. They say that the airport has negative impacts for local people. One of these impacts is noise.

Study the **map in Figure 5 on page 4** of the Resource Folder. It shows the impact of noise nuisance from the airport. The size and shape of this noise nuisance has changed as aircraft engines have become quieter.

Describe how the size and shape of noise nuisance from Heathrow changed between 1974 and 2014. [4]

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