

Please check the examination details below before entering your candidate information

Candidate surname					Other names				
Centre Number					Candidate Number				
<b>Pearson Edexcel Level 3 GCE</b>									
<b>Wednesday 24 May 2023</b>									
Morning (Time: 1 hour 45 minutes)					Paper reference		<b>8GE0/02</b>		
<b>Geography</b> <b>Advanced Subsidiary</b> <b>PAPER 2: Dynamic Places</b>									
<b>You must have:</b> Resource Booklet (enclosed) Calculator, ruler								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 **Question 1** in Section A **and EITHER** Section B **OR** Section C.
- Answer the questions in the spaces provided  
– *there may be more space than you need.*

### Information

- The total mark for this paper is 90.
- The marks for **each** question are shown in brackets  
– *use this as a guide as to how much time to spend on each question.*
- The marks available for spelling, punctuation and grammar are clearly indicated.
- Calculators may be used.

### Advice

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

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**Answer Section A and EITHER Section B OR Section C.**

**SECTION A**

**Globalisation**

**Answer ALL questions. Write your answers in the spaces provided.**

**You must use the Resource Booklet provided.**

- 1** (a) State **one** economic benefit of the global shift of manufacturing for people in Asia.

(1)

- (b) Study Figure 1 in the Resource Booklet.

Pearl River Delta in south China has experienced rapid development as a result of global shift.

- (i) Compare the use of water in Zhaoqing and Guangzhou.

(2)

- (ii) Water use can be a useful indicator of a city's development.

Suggest **one** reason the cities shown in Figure 1 have different water usage.

(3)

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(e) Assess the extent to which the global growth of a westernised culture has caused tensions.

(12)

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(Total for Question 1 = 28 marks)

**TOTAL FOR SECTION A = 28 MARKS**



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## SECTION B

### Regenerating Places

**Do not answer Section B (Regenerating Places) if you have answered**

**Section C (Diverse Places).**

**If you answer Section B, put a cross in the box ☐.**

**Some questions must be answered with a cross in a box ☐. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☐.**

**You must use the Resource Booklet provided.**

- 2 (a) Define the term gentrification.

(1)

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- (b) Study Figure 2a in the Resource Booklet.

- (i) Identify which **one** of the following statements is correct.

(1)

- ☐ **A** London's % change in jobs has always been higher than the UK's
- ☐ **B** The UK's % change in jobs has always been higher than London's
- ☐ **C** London's % growth in 2015 reached 2.0%
- ☐ **D** The UK's % growth in 2014 reached 5.0%

- (ii) Calculate the difference between the % growth in jobs in London and the UK in 2011.

(1)

Answer = .....%



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Study Figure 2b in the Resource Booklet.

- (c) Suggest how deprivation scores for Bargate, central Southampton are useful for city authorities in decision making.

You must make reference to Figure 2b in your answer.

(3)

- (d) Explain **two** ways used by local governments to attract investment and growth to places.

(4)

1

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(e) Explain the reasons inequalities in pay are found across a country.

(6)







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(Total for Question 2 = 28 marks)



### 3 Study Figure 3 in the Resource Booklet.

Students visited two locations in their local town.

They completed an environmental quality survey in five streets in Location A and Location B.

They then calculated the mean score for each location.

- (a) (i) Compare the environmental quality in Locations A and B.

(3)

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- (ii) Suggest **two** other criteria the students could have included in their environmental quality survey.

(2)

1 .....

2 .....

- (b) Explain how secondary data sources could be used to investigate the reasons for differences in environmental quality.

(4)

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(c) You have also carried out fieldwork to investigate Regenerating Places.

Assess the effectiveness of your data processing and presentation techniques in analysing the data you collected.

(9)

Geographical enquiry question:

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(Total for Question 3 = 18 marks)



**Use your knowledge and understanding from across the course of study along with the information in Figure 4 to answer this question.**

**4** Study Figures 4a, 4b, 4c and 4d in the Resource Booklet.

Outsourcing and offshoring of industry and services have occurred as part of the global shift to Asia. Bengaluru in southern India is a hub city that has attracted international and national businesses.

Evaluate the extent to which this has benefited businesses, people, and the environment of Bengaluru, India.

(16)

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(Total for Question 4 = 16 marks)

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**TOTAL FOR SECTION B = 62 MARKS**

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## SECTION C

### Diverse Places

**Do not answer Section C (Diverse Places) if you have answered**

**Section B (Regenerating Places).**

**If you answer Section C, put a cross in the box ☐ .**

**Some questions must be answered with a cross in a box ☐. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☐.**

**You must use the Resource Booklet provided.**

- 5** (a) State **one** reason why some people perceive suburban areas as desirable places to live.

(1)

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

- (i) Identify which **one** of the following statements is correct.

(1)

- ☐ **A** Immigration has been always higher than emigration
- ☐ **B** Emigration has always been higher than immigration
- ☐ **C** Immigration has always been above 100,000 people per year
- ☐ **D** Emigration has always been above 200,000 people per year

- (ii) Calculate the difference between emigration and immigration in 2010.

(1)

Answer .....



(c) Study Figure 5b in the Resource Booklet.

Suggest **one** reason for the distribution of Lithuanian speakers.

(3)

(d) Explain **two** changes in UK culture resulting from migration from **either** former colonies **or** the European Union.

(4)

1

2



(6)

[illegible]

(f) Changes in rural places may be perceived as undesirable by some people.

Assess the success of approaches to managing these changes in rural places.

(12)

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(Total for Question 5 = 28 marks)



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6 Study Figure 6 in the Resource Booklet.

Students visited two locations in their local town.

They completed an environmental quality survey in five streets in Location A and Location B.

They then calculated the mean score for each location.

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- (a) (i) Compare the environmental quality in Locations A and B.

(3)

- (ii) Suggest **two** other criteria the students could have included in their environmental quality survey.

(2)

1 .....

2 .....

- (b) Explain how secondary data sources could be used to investigate the reasons for differences in environmental quality.

(4)





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(Total for Question 6 = 18 marks)







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**(Total for Question 7 = 16 marks)**

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**TOTAL FOR SECTION C = 62 MARKS**  
**TOTAL FOR PAPER = 90 MARKS**



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**Pearson Edexcel Level 3 GCE**

**Wednesday 24 May 2023**

Morning (Time: 1 hour 45 minutes)

**Paper  
reference**

**8GE0/02**

**Geography**

**Advanced Subsidiary**

**PAPER 2: Dynamic Places**

**Resource Booklet**

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

*Turn over* ►

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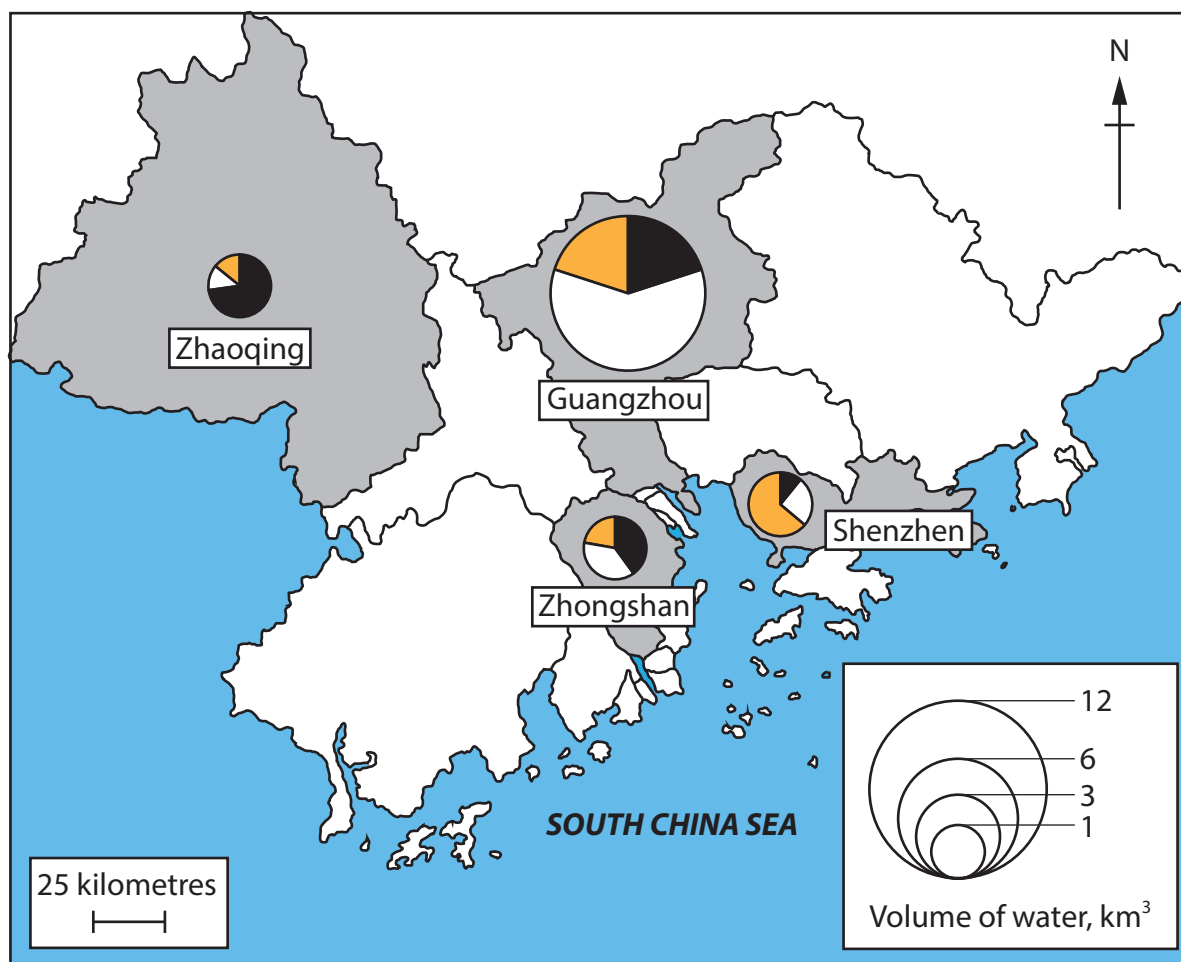


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## SECTION A

The following resource relates to Question 1.



Key



Agriculture %



District



Industry and services %



City



Domestic use %

**Figure 1**

**Annual water use in selected cities of Pearl River Delta, China in 2015**

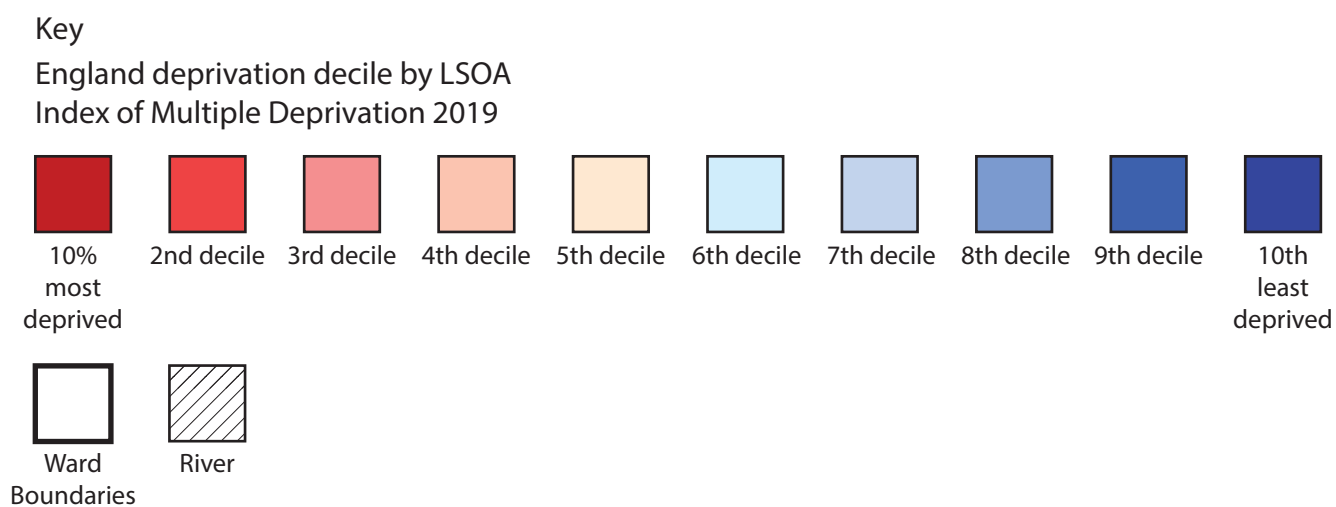
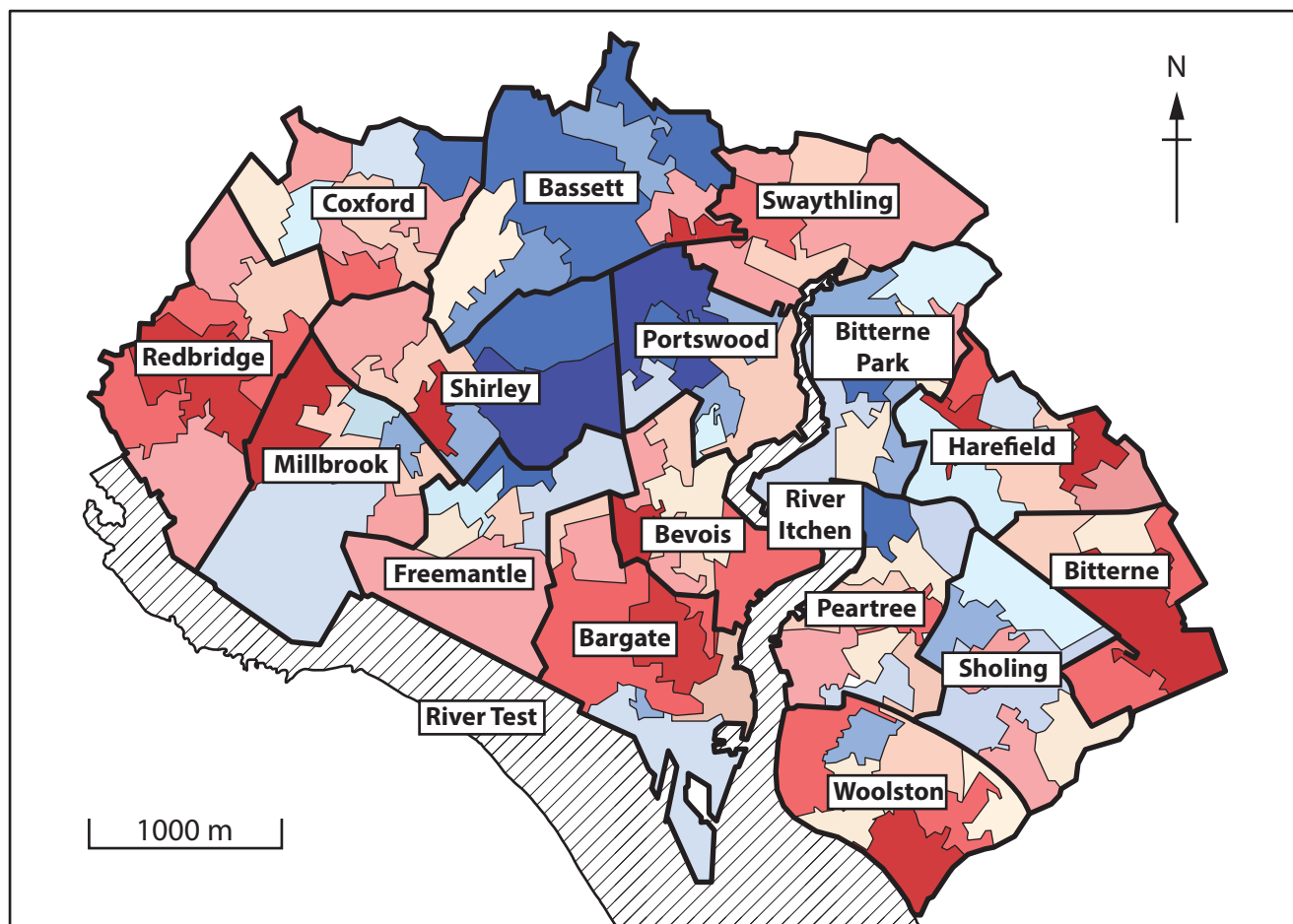
## SECTION B

The following resources relate to Question 2.



**Figure 2a**

**Percentage (%) growth of jobs in London and the UK, 2006–2016**

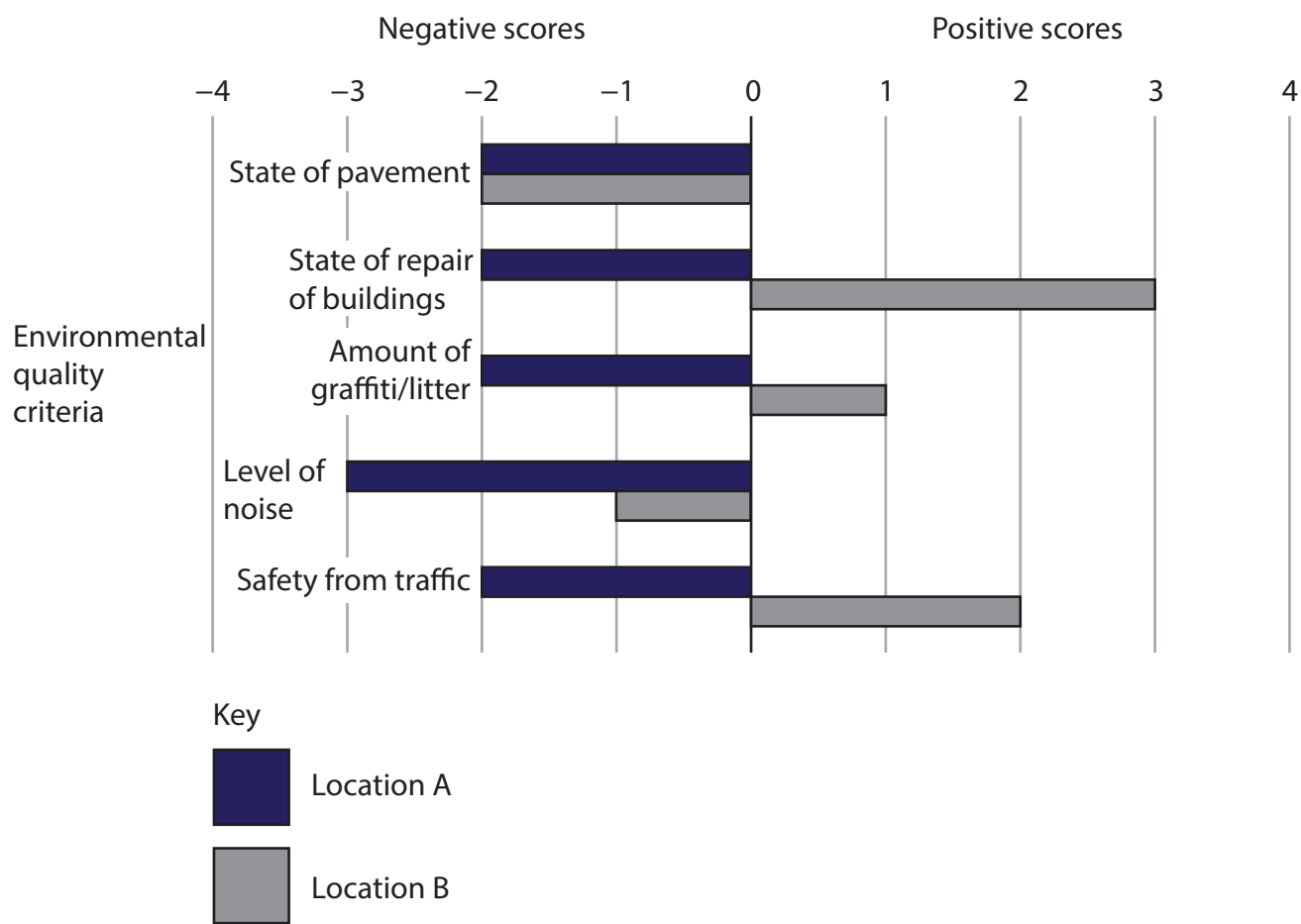


**Figure 2b**

**Index of Multiple Deprivation map for Lower Super Output Areas (LSOAs) and wards in the city of Southampton, 2019**



The following resource relates to Question 3.



**Figure 3**

**Environmental quality in two contrasting locations in the students' local town**

**Scores range from -4 to +4, where -4 is the lowest score for each category**

**The following resources relate to Question 4.**

- The city of Bengaluru has been a popular choice for outsourcing and offshoring information technology (IT), manufacturing and services by transnational corporations (TNCs) from India, UK, Europe and USA for decades.
- The population grew from 8.6m in 2011 to 13.2m in 2022 as rural-urban migrants from elsewhere in India have moved to the city for employment.
- This has led to unsustainable overcrowding and shortages of housing and congestion. The water supply system cannot cope, and water has to be brought into the city by tanker.
- Pollution of air and water, and loss of habitat has affected the environment and living conditions for people.
- In 2021 a state government project began to improve river water quality and encourage use of the riverbanks for recreation.

**Figure 4a**

**Background information about Bengaluru, India**

**Technology**

- Expertise in IT services
- Costs going down
- Research and development centre

**Location**

- Pleasant climate
- 2.5 hours behind Shanghai, China, 5.5 hours ahead of UK

**Capacity for business**

- Low-cost offices
- Plenty of space for expansion at the edge of the city

**People**

- High levels of education
- Most graduates speak English

**Figure 4b****Attractions of Bengaluru to IT TNCs**

Indian business owner	New resident	Environmental activist
<p>Costs for internet and recruitment fees, office rents and salaries are relatively low.</p> <p>We ensure good working conditions throughout the supply chain. We pay well and expect employees to work hard for us.</p> <p>Water shortages and lack of suitable housing for employees are the main challenges for us in Bengaluru.</p> <p>Central city streets are being pedestrianised and use energy-efficient lights, which fits the sustainable image we want.</p>	<p>We migrated here from our family home in the countryside for call centre jobs. Wages are good with prospects for promotion.</p> <p>Work is repetitive, and hours are long, including overnight shifts due to time differences.</p> <p>We are treated as outsiders by local people and miss our family.</p> <p>We have a sought-after house with a view over the lake, but the pollution levels make my daughter's asthma worse. Power cuts cause us real problems.</p>	<p>Up to 40% of the city's sewage flows untreated into local Lake Bellandur.</p> <p>Domestic rubbish and industrial chemicals from outsourced industries are discharged into local rivers. The lake has caught fire regularly since 2015.</p> <p>Kingfishers and monitor lizards were once common, but no longer. 62% of natural vegetation has been removed since 2010.</p> <p>The authorities are not coping with the growth of the city, the infrastructure is overwhelmed and the natural environment is suffering.</p>

**Figure 4c**

### Opinions about costs and benefits of offshoring and outsourcing industry to Bengaluru



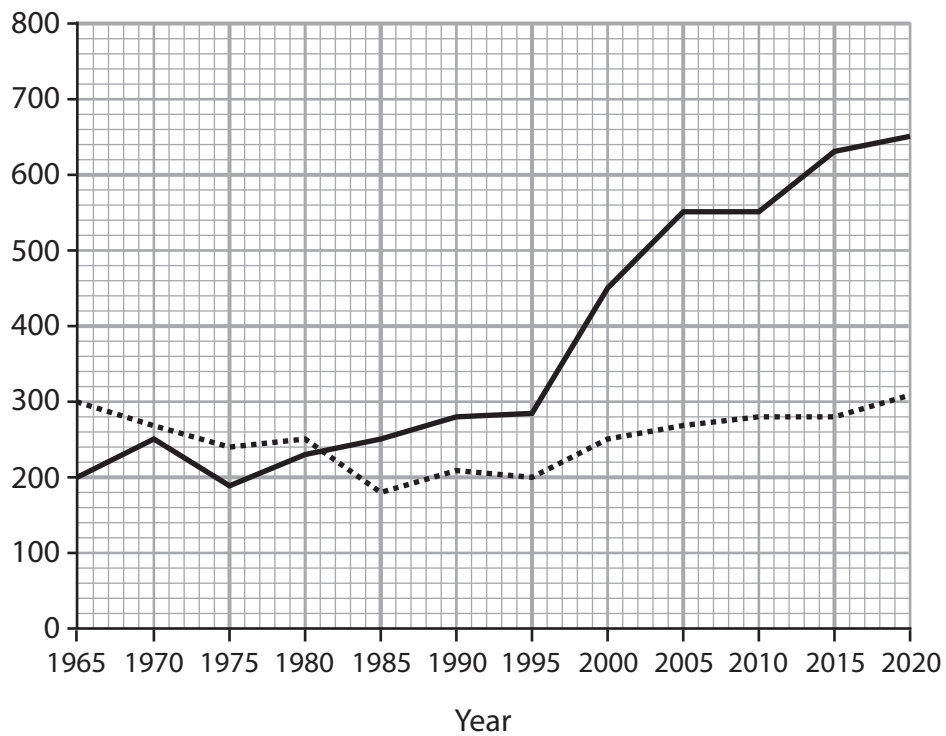
**Figure 4d**

### Bengaluru river polluted with rubbish and sewage

## SECTION C

The following resources relate to Question 5.

Thousands  
of people



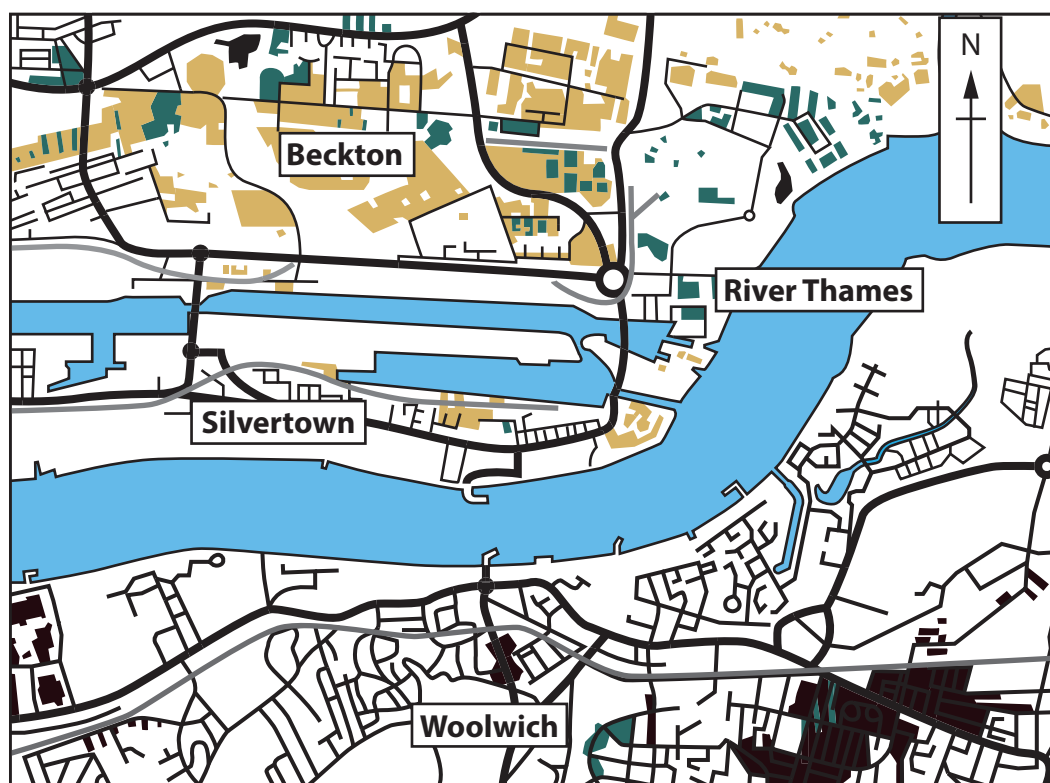
Key

— Immigration

..... Emigration

**Figure 5a**

**Estimated emigration and immigration in UK, 1965–2020**



Key

1000 m

Between 8% and 26% of population speak Lithuanian as their main language

Between 8% and 13% of population speak Bengali as their main language

Between 10% and 33% of population speak Nepali as their main language

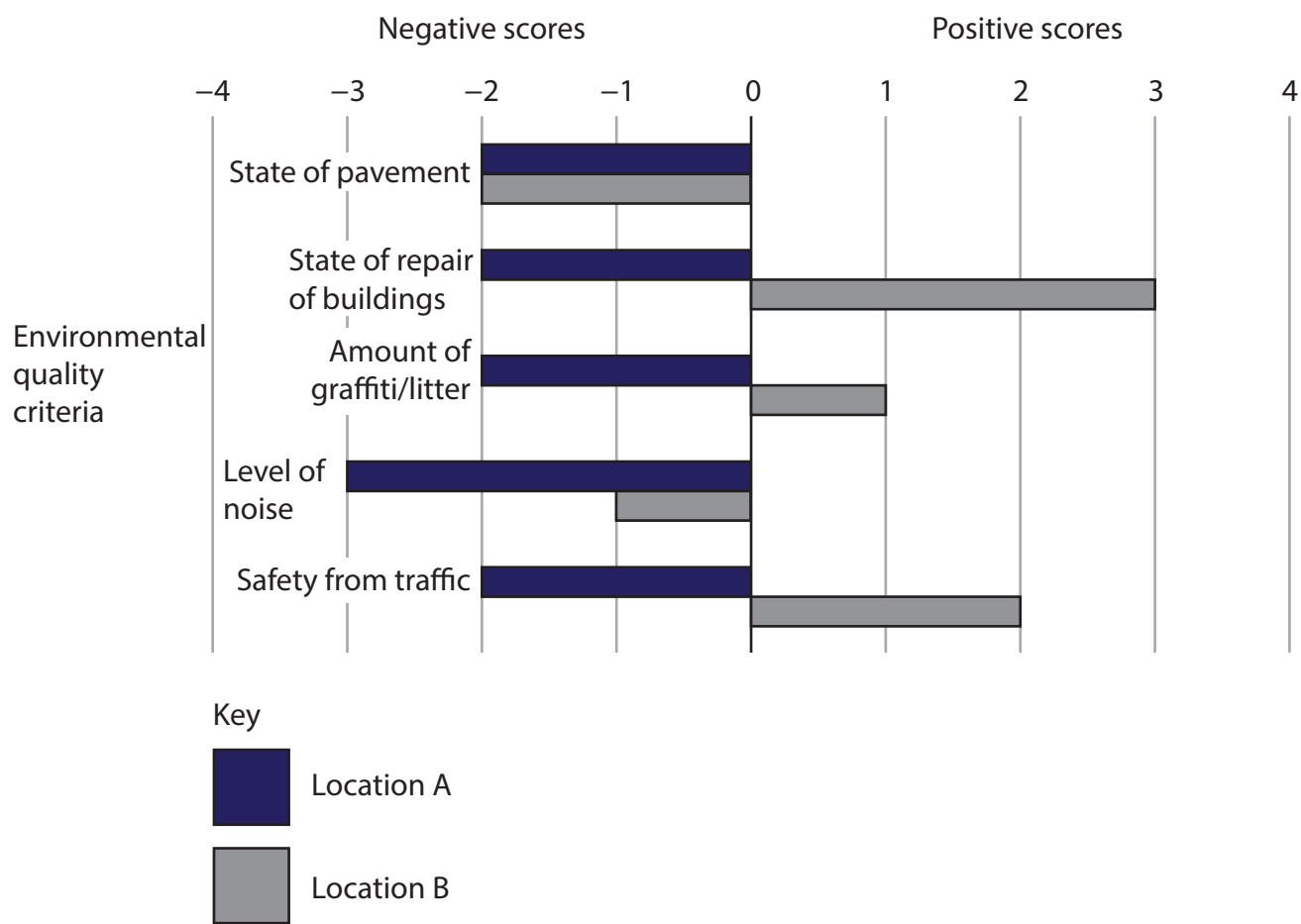
Residential areas, roads and railways, where no single language group dominates

River and docks

**Figure 5b**

**Distribution of Lithuanian, Bengali and Nepali speakers in east London, 2019**

The following resource relates to Question 6.



**Figure 6**

**Environmental quality in two contrasting locations in the students' local town**

**Scores range from -4 to +4, where -4 is the lowest score for each category**

**The following resources relate to Question 7.**

- Before and after World War II migration to Leicester took place from Poland and India. Asian people expelled from Uganda in east Africa arrived in the 1970s. Many found work in Leicester's clothing industry.
- In the 1990s cheaper production costs in Sri Lanka, Hong Kong and China led to factory closures, with many jobs lost as part of global shift processes.
- Recently factories in Leicester have reopened, as some TNCs have returned their business to the UK.
- A quick turnaround is required to meet demand, and some factories supply low-cost clothing for major online businesses, using illegal employment and poor health and safety practices.
- Many Leicester people have built highly successful businesses, employing hundreds of people.
- Leicester is a diverse urban community. 70 different languages are spoken. Relations between different groups are relatively good, but there were violent clashes between Hindu and Muslim groups in September 2022.
- There is strong representation of residents from diverse ethnicities as locally elected representatives on councils and as Members of Parliament.

**Figure 7a**

**Background information about Leicester, East Midlands, UK**



### Deprivation

Leicester is the 32nd most deprived local authority in England in 2019.

This has improved from the 21st most deprived local authority in 2015.

### University involvement

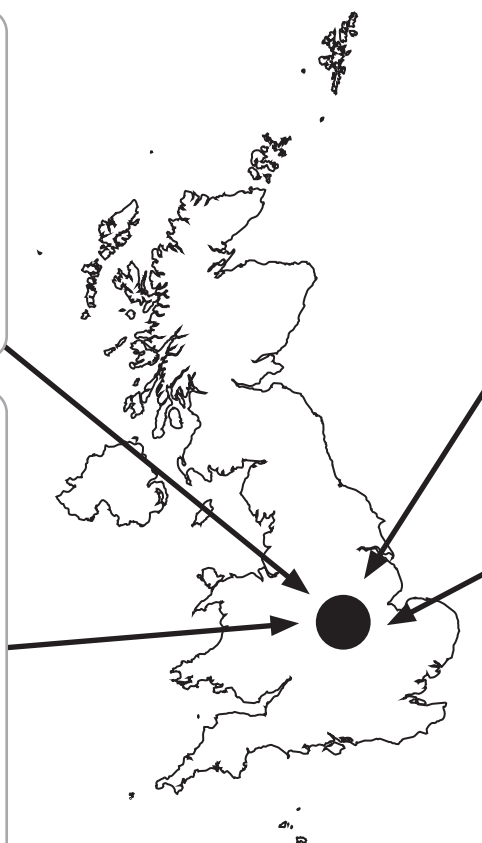
The Square Mile Project worked with people living near De Montfort University. Students from diverse backgrounds were encouraged to use their language skills and community links in local primary schools to raise children's aspirations.

### Housing

Benscliffe Road, Leicester, is one of the most expensive roads outside of London for housing.

### Working people

Many of those on the lowest incomes are the 'working poor' where one or more people in the household work, but wages are low.



**Figure 7b**

**Contrasting life experiences in Leicester**

63-year-old migrant from India	28-year-old business owner, UK born, Asian-Caribbean heritage	Academic leader at one of Leicester's two universities
<p>I came to Leicester aged 18 and started work in a clothes factory as my skills were needed.</p> <p>Pay and conditions were good, but the factory closed in 2001 when production moved to Sri Lanka.</p> <p>I struggled to find work until a factory opened recently.</p> <p>Now all I can earn is £3.50 per hour, about one third of the minimum wage.</p> <p>Working conditions are cramped and the machinery isn't safe. Illness spreads easily and we were forced to work through recent epidemics.</p>	<p>There are people from 23 different countries running the shops and restaurants in this street, making this a vibrant city.</p> <p>Our two-week Diwali celebrations attract 40,000 people to enjoy the lights and culture.</p> <p>However, I regularly experience racism on social media and sometimes on the streets, and it hurts.</p>	<p>We want to guarantee that all students have equality of access to university and that our teaching body represents the diversity of Leicester.</p> <p>Our 35,000 students represent over 10% of Leicester's total population. They come from over 100 countries including the UK, and provide a positive role model for Leicester's population.</p>

Figure 7c

### Quotes from residents of Leicester



Figure 7d

**Popular Diwali celebrations in Leicester attract visitors from the whole region, and are amongst the largest outside of India**

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### Acknowledgements

Pearson Education Ltd. gratefully acknowledges all following sources used in the preparation of this paper:

Figure 1 <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0115039>

Figure 2a <https://colresearch.typepad.com/colresearch/2017/02/londons-growth-in-employment-sectors-and-patterns.html>

Figure 2b [data.southampton.gov.uk/economy/deprivation-poverty/](http://data.southampton.gov.uk/economy/deprivation-poverty/)

Figure 4d © dpa picture alliance archive/Alamy Stock Photo

Figure 5a <https://commonslibrary.parliament.uk/research-briefings/sn06077/>

Figure 5b <https://maps.cdrc.ac.uk/#/metrics/language/default/BTTTFFT/13.5/0.0469/51.5138/>

Figure 7d © David Warren/Alamy Stock Photo