

Write your name here

Surname

Other names

Pearson
Edexcel GCE

Centre Number

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Candidate Number

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Geography

Advanced Subsidiary

Unit 2: Geographical Investigations

Thursday 24 May 2018 – Morning
Time: 1 hour 15 minutes

Paper Reference

6GE02/01

You must have:

Resource Booklet (enclosed)

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 **ONE** question in Section A and **ONE** question in Section B.
- Answer the questions in the spaces provided
– *there may be more space than you need.*

Information

- The total mark for this paper is 70.
- 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 quality of your written communication will be assessed in ALL your responses
- – *you should take particular care with your spelling, punctuation and grammar, as well as the clarity of expression.*

Advice

- Read each question carefully before you start to answer it.
- Spend approximately 35 – 40 minutes on Section A and 35 – 40 minutes on Section B.
- Check your answers if you have time at the end.

Turn over ►

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Pearson

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Handwriting practice area with 15 horizontal dotted lines.



(b) Describe the **results** and **conclusions** of your fieldwork and research into changing weather conditions.

(15)

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(Total for Question 1 = 35 marks)



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DO NOT WRITE IN THIS AREA

Handwriting practice area with 15 horizontal dotted lines.



(b) Describe the **results** and **conclusions** of your fieldwork and research into changes in coastal development and land use over time.

(15)

Area with horizontal dotted lines for writing.

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(c) Examine the reasons why some coastal areas are more vulnerable to rapid coastal erosion than others.

(10)

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(Total for Question 2 = 35 marks)

TOTAL FOR SECTION A = 35 MARKS



P 5 6 6 7 0 A 0 1 3 2 8

SECTION B

Answer ONE question in this section.

**Candidates should use the resources provided, their own ideas,
and relevant fieldwork and research which they have carried out.**

UNEQUAL SPACES

If you answer Question 3 put a cross in the box .

3 (a) Study Figure 3.

Suggest reasons for the pattern of deprivation in Kingston upon Hull.

(10)

Dotted lines for writing the answer.

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DO NOT WRITE IN THIS AREA

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P 5 6 6 7 0 A 0 1 5 2 8

(b) Choose either an **urban** or a **rural** area.

Describe the fieldwork and research you undertook to examine the success of strategies to reduce inequality.

(15)

Named area

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DO NOT WRITE IN THIS AREA

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DO NOT WRITE IN THIS AREA

Handwriting practice area with 20 horizontal dotted lines.



(c) Using examples, explain how inequality has negative social and economic consequences for people living in **rural** areas.

(10)

Area with horizontal dotted lines for writing the answer.

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DO NOT WRITE IN THIS AREA

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DO NOT WRITE IN THIS AREA

Handwriting practice area with 15 horizontal dotted lines.

(Total for Question 3 = 35 marks)



P 5 6 6 7 0 A 0 1 9 2 8

Candidates should use the resources provided, their own ideas, and relevant fieldwork and research which they have carried out.

REBRANDING PLACES

If you answer Question 4 put a cross in the box .

4 (a) Study Figure 4.

Suggest reasons for the social, economic and environmental improvements to Liverpool’s waterfront area.

(10)

Handwritten response area consisting of multiple horizontal dotted lines for writing.

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DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Handwriting practice area with 20 horizontal dotted lines.



(c) Using examples, explain why some **rural** areas need to rebrand.

(10)

Area with horizontal dotted lines for writing.

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(Total for Question 4 = 35 marks)

TOTAL FOR SECTION B = 35 MARKS
TOTAL FOR PAPER = 70 MARKS



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Pearson Edexcel GCE

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Resource Booklet

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Do not return this Resource Booklet with the question paper.

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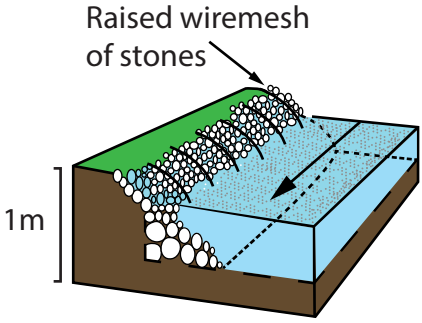
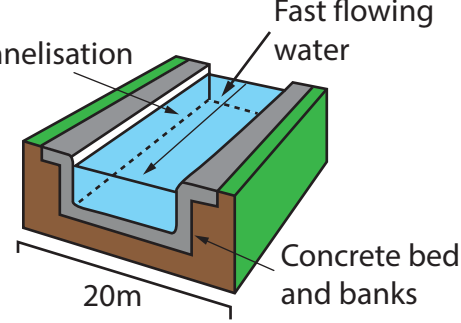
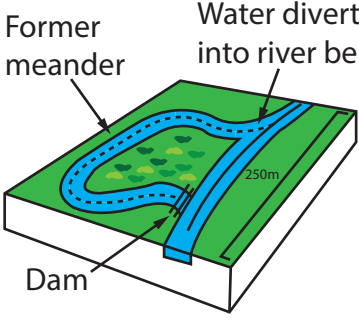
Flood management strategies	Environmental impacts	Economic impacts
 <p>A – Flood embankment with gabions</p>	<ul style="list-style-type: none"> • Partial removal of bankside vegetation and habitat. • Perceived by locals as unsightly and offering poor protection. 	<ul style="list-style-type: none"> • Designed to protect against a 1 in 10 year event. • £500 per metre.
 <p>B – River channelisation</p>	<ul style="list-style-type: none"> • Total removal of bed and bankside habitat. • Disruption of natural river processes. 	<ul style="list-style-type: none"> • Designed to protect against a 1 in 50 year event. • £10,000 per metre.
 <p>C – Flood plain storage</p>	<ul style="list-style-type: none"> • Creation of new wetland habitats. • Works with natural river processes. 	<ul style="list-style-type: none"> • Designed to protect against a 1 in 100 year event. • £2,000 per metre.

Figure 1

Three possible flood protection strategies



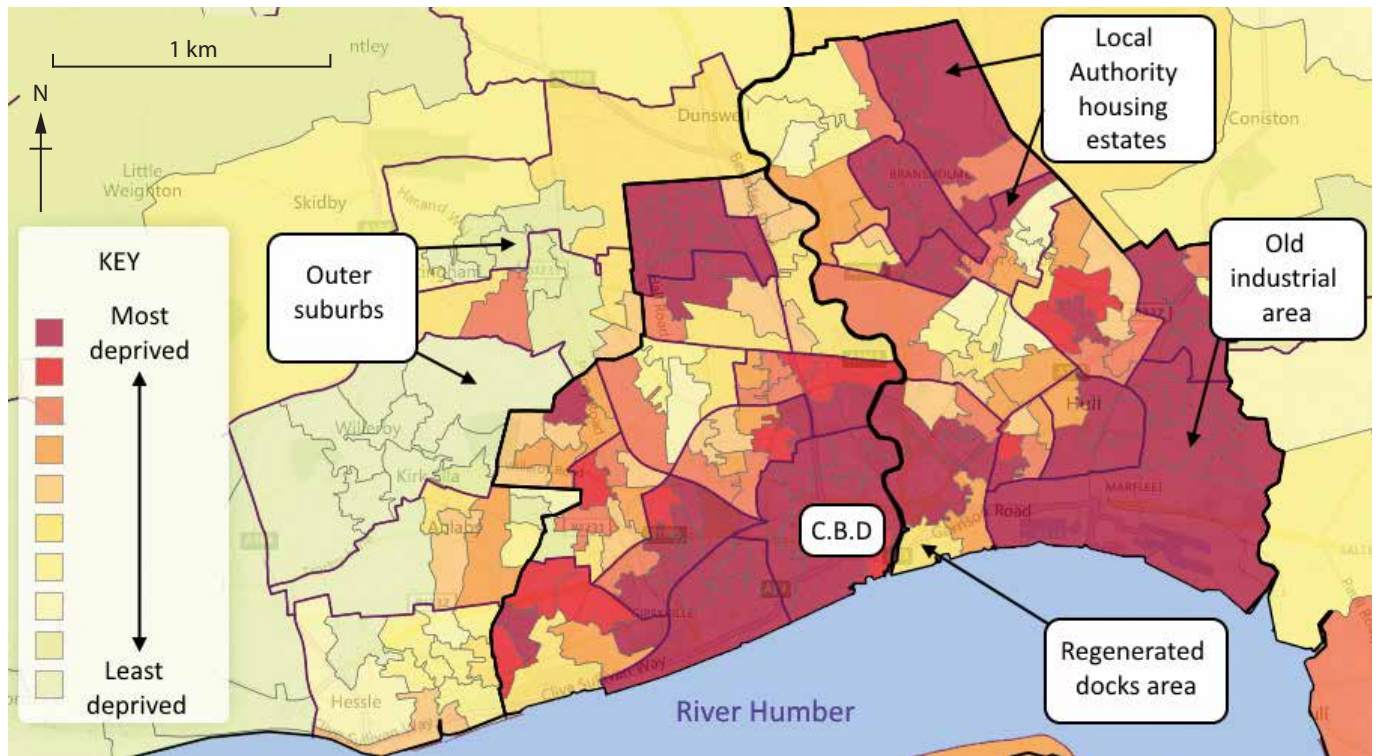
Coastal management strategies	Environmental impacts	Economic impacts
 <p>A – Recurved concrete sea wall</p>	<ul style="list-style-type: none"> • Destruction of backshore habitats. • Perceived by locals as unsightly, but offering good protection. 	<ul style="list-style-type: none"> • Enhances tourist potential. • £10,000 per metre.
 <p>B – Offshore breakwaters made of rip-rap</p>	<ul style="list-style-type: none"> • Increases rocky offshore habitat. • Reduces wave energy. 	<ul style="list-style-type: none"> • Increases beach size. • £1,000 per metre.
 <p>C – Wooden groynes</p>	<ul style="list-style-type: none"> • Major impact on sediment transport. • Protects backshore habitats. 	<ul style="list-style-type: none"> • Limits beach access. • £2,000 per metre.

Figure 2

Three possible coastal management strategies



Index of Multiple Deprivation is made up of various domains that contribute to deprivation such as Income/Employment/Health/Housing/Living Environment.

Figure 3
The 2015 Index of Multiple Deprivation for Kingston upon Hull

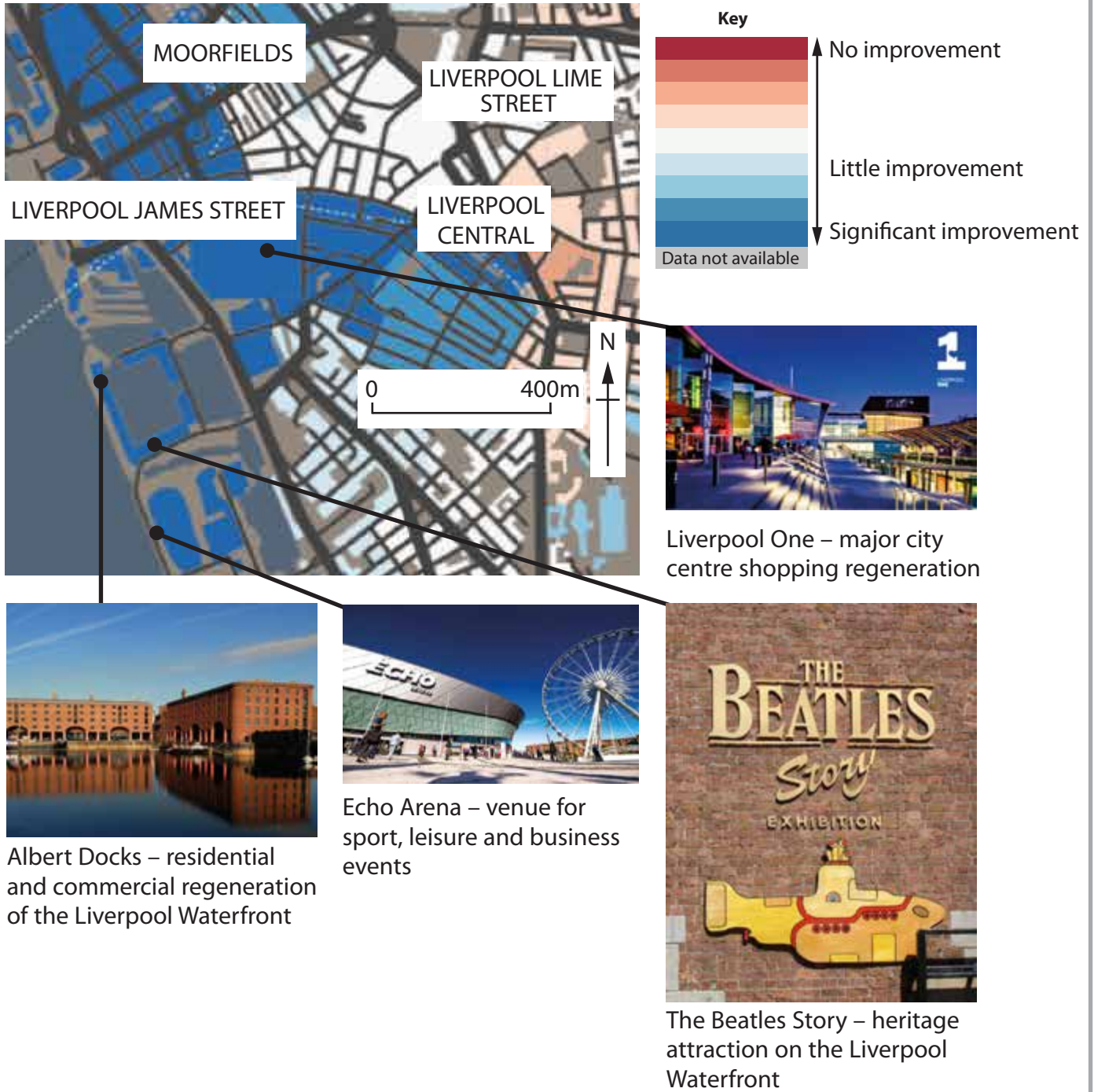


Figure 4

Social, economic and environmental improvements to Liverpool’s waterfront area, 2010–2017

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Figure 4, page 5, *The Beatles Story* - by F Samuels at English Wikipedia (Transferred from en.wikipedia to Commons) [Public domain], via Wikimedia Common

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