

**Tuesday 6 June 2017 – Afternoon**

**GCSE GEOGRAPHY A**

**A732/02** Geographical Skills (Higher Tier)

Candidates answer on the Question Paper.

**OCR supplied materials:**

- An Insert (A732/01/02/1 – inserted)
- OS map extract (inserted)

**Other materials required:**

None

**Duration:** 1 hour 15 minutes



|                       |  |                      |  |
|-----------------------|--|----------------------|--|
| Candidate<br>forename |  | Candidate<br>surname |  |
|-----------------------|--|----------------------|--|

|               |  |  |  |  |  |                  |  |  |  |  |
|---------------|--|--|--|--|--|------------------|--|--|--|--|
| Centre number |  |  |  |  |  | Candidate number |  |  |  |  |
|---------------|--|--|--|--|--|------------------|--|--|--|--|

**INSTRUCTIONS TO CANDIDATES**

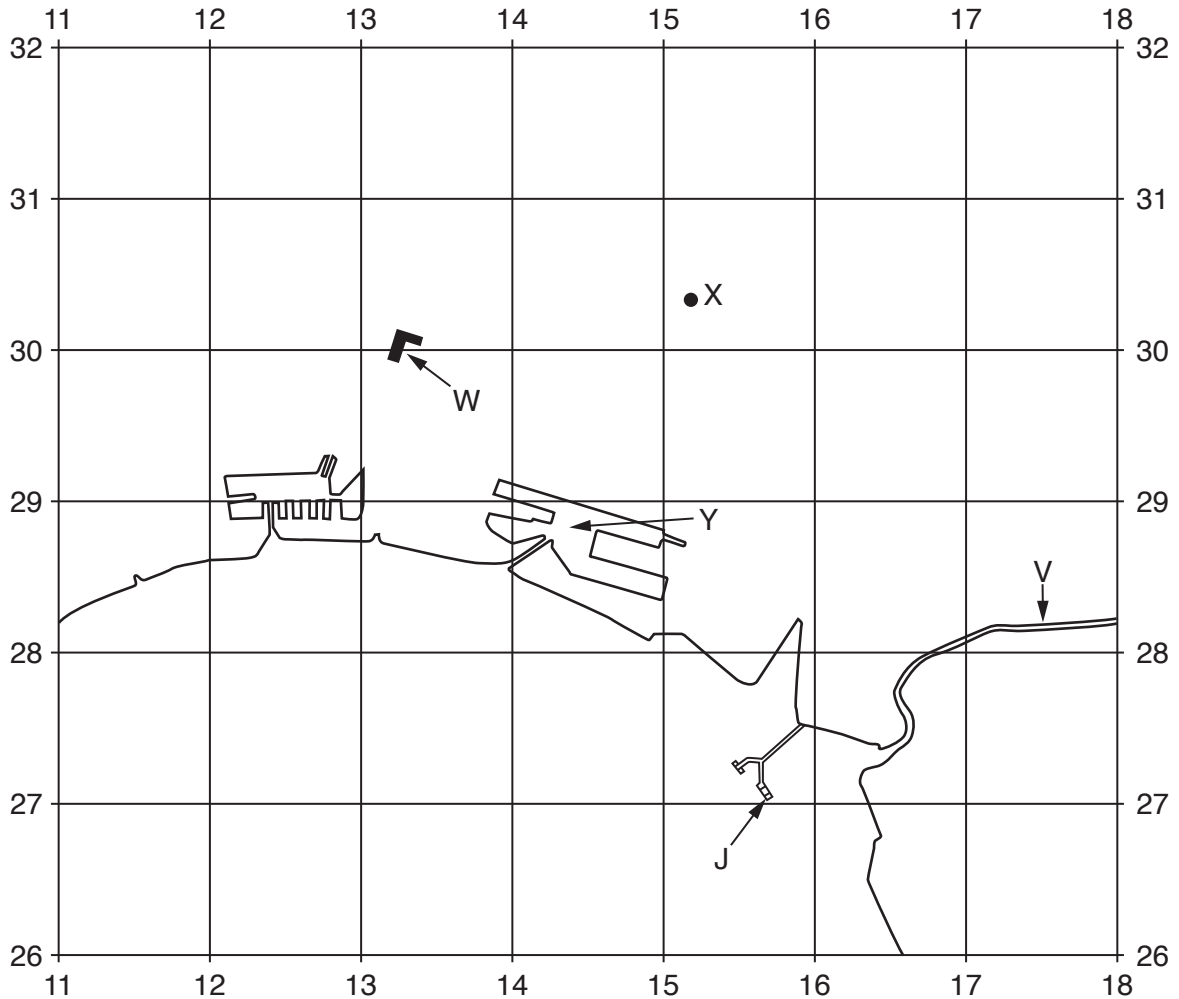
- The Insert and OS map extract will be found inside this document.
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the barcodes.

**INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- You will be awarded marks in question **4 (d)** for the quality of written communication in your answer.
- The total number of marks for this paper is **50**.
- These abbreviations are used throughout this paper:  
EU – European Union  
OS – Ordnance Survey  
UK – United Kingdom
- This document consists of **16** pages. Any blank pages are indicated.

Answer **all** the questions.

- 1 (a) Study the OS map extract (1:50 000) of part of Kingston upon Hull and the surrounding area, along with the sketch map below which shows an area in the east of the OS map.



- (i) Name the river which is labelled V on the map above.

.....

[1]

- (ii) Identify the type of service at W on the map above.

.....

[1]

- (iii) Identify the type of church (place of worship) at X on the map above.

.....

[1]

- (iv) Measure the length of King George Dock which is marked at Y.

..... km

[1]

- (v) Give the 6 figure grid reference for the end of Salt End jetty which is labelled J on the map above.

.....

[1]

2 (a) Study Fig. 1 in the separate Insert which shows the industrial works in and around grid square 1627. This industrial works is an oil refinery where crude oil is made into other products such as petrol.

(i) Using evidence from the OS map extract and Fig. 1, describe **two** features of the land on which this oil refinery is built.

1 .....

.....

2 .....

.....

[2]

(ii) Using **only** evidence from the OS map extract explain **two** reasons why this is a suitable location for the oil refinery. You should develop your ideas fully.

1 .....

.....

.....

.....

2 .....

.....

.....

.....

[4]

(b) Study the OS map extract, along with Fig. 2 in the separate Insert which was taken in grid square 0728, part of the inner city of Kingston upon Hull.

(i) Describe the road layout in grid square 0728.

.....

..... [1]



- 3 (a) Study Fig. 3 in the separate Insert, which shows information about the best and worst places in Great Britain in which to find a job.

Using **only** information from Fig. 3, compare the distribution of the best and worst places to find a job in Great Britain.

.....

.....

.....

.....

.....

.....

.....

[3]

(b) Study the extract below, information about Kingston upon Hull.

Today only one ship is in the docks. Thirty years ago these docks were crowded with dock workers shovelling, carrying and rolling Britain’s imports ashore. Now all that can be seen are empty warehouses and a stack of steel containers being moved by one fork-lift truck.

Kingston upon Hull’s other major industry, fishing, has also declined. In the 1930s, British fishermen caught 300 000 tonnes of cod annually but now there are only 70 000 tonnes of cod left in the North Sea. Since Iceland banned foreign fishing vessels from its coastal waters and fish quotas were established by the EU, thousands of jobs have been lost. The numbers employed on fishing boats have gone down, and others working further down the supply chain have been affected. Therefore the fish processors, the net makers, the equipment suppliers, the market sellers and the transport companies all have fewer jobs available now.

Since 2015, however, there has been a new sense of optimism in the city, which is centred on Alexandra Dock. By 2017 the dock will be transformed into ‘Green Port Hull’, a service hub for the giant wind farms being built in the North Sea. Siemens (a large German-based multinational company) and Associated British Ports will initially invest £310m on a wind turbine facility in the city that will build and service the UK’s massive offshore wind turbines. This is the biggest single investment Kingston upon Hull has ever seen, and promises to bring with it lots of support industries and work for contractors. Eight kilometres downriver at Paull, Siemens plans to manufacture the turbine blades, which will be carried on a purpose-built private railway to ‘Green Port Hull’ for partial assembly. From here, ships will take them to the wind farm zones.

Using **only** information from the extract give reasons for the high unemployment in Kingston upon Hull.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

[4]

4 (a) Study Fig. 4 in the separate Insert which shows information about the percentage of UK electricity generated by different methods between 2003 and 2013.

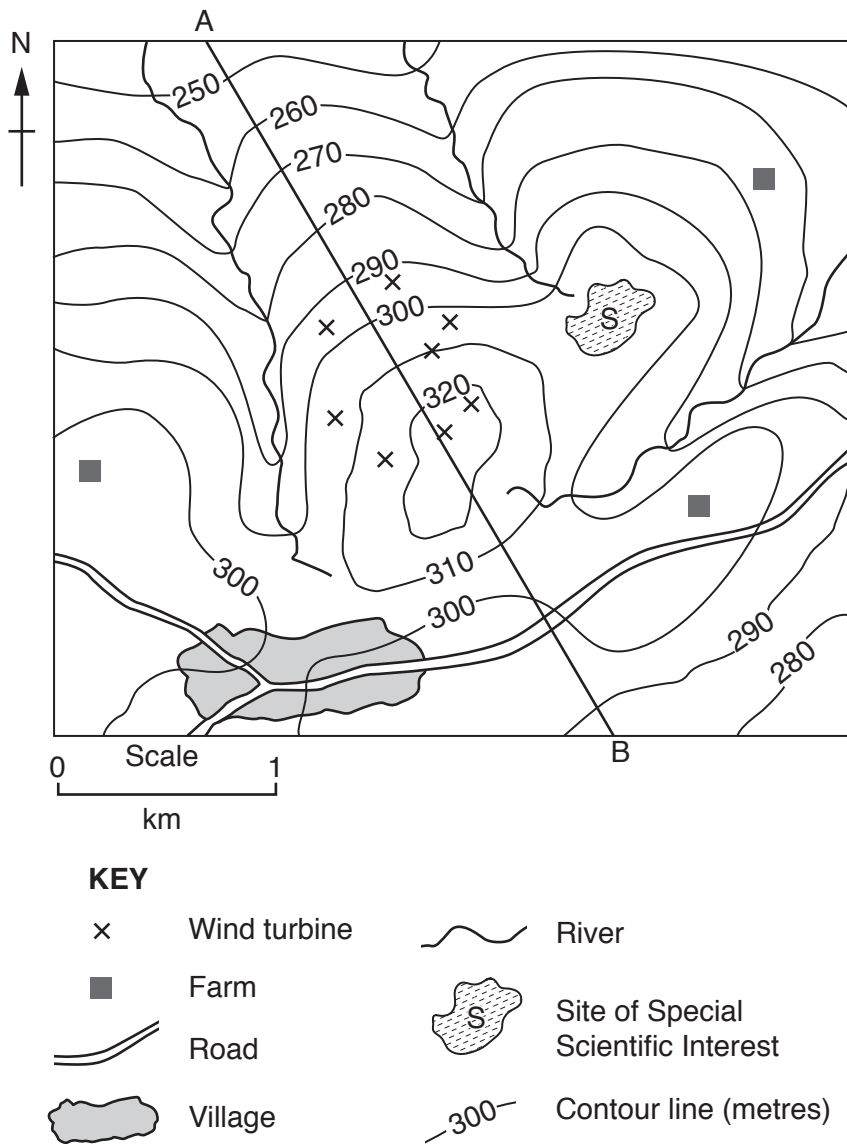
(i) Using information from 2003 **and** 2013 **only**, identify **one** similarity in the percentages of UK electricity that is generated by different methods.

Similarity .....  
..... [1]

(ii) Describe the changes in wind energy generation between 2011 and 2013. Use statistics to support your answer.

.....  
.....  
.....  
..... [2]

(b) Study the map below showing a small area with onshore wind turbines, along with Fig. 5 in the separate Insert which shows wind turbines.



(i) Complete the cross section along line A–B.

[4]





(ii) Describe and suggest reasons for the location of the wind turbines in the area shown on the map opposite.

.....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 ..... [6]

(c) Study Fig. 6 in the separate Insert, a map showing the location of offshore UK wind farm zones, along with Fig. 7 which shows offshore wind turbines.

(i) Describe the distribution of wind farm zones.

.....  
 .....  
 .....  
 ..... [2]

(ii) Using **only** evidence from Fig. 6, explain why Kingston upon Hull has been chosen as an area to build and service wind turbines.

.....  
 .....  
 .....  
 ..... [2]

- (d) Study the extract below, information about Green Port, Hull and Fig. 8 in the separate Insert which is an artist's impression. 'Green Port Hull' will be developed at Alexandra Dock. This is shown on the OS map extract in and around grid squares 1228 and 1229.

'Green Port Hull' will involve the regeneration of Alexandra Dock, an existing port complex that is close to a natural deep-water channel of the estuary of the River Humber. It is well positioned to receive imported cargo used to manufacture the turbines. The existing port facilities will be used, so the disturbance and cost of building new transport facilities will be reduced. The development will consist of an area for the building of wind turbine equipment, together with storage areas, offices and car parking. In addition, a new 600m riverside dock will be built for the export of wind turbine components.

To what extent are different groups of people who live in and around Kingston upon Hull likely to support the use of this land for the development of 'Green Port Hull' at Alexandra Dock? You should include evidence from the OS map extract in your answer. [8]

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



**ADDITIONAL ANSWER SPACE**

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

A large area of lined paper for writing. It consists of a vertical solid line on the left side, creating a margin. To the right of this line, there are numerous horizontal dotted lines extending across the width of the page, providing space for writing answers.

A vertical solid line is positioned on the left side of the page. From this line, 25 horizontal dotted lines extend across the page, creating a series of rows for writing.

A vertical solid line is positioned on the left side of the page. From this line, 25 horizontal dotted lines extend across the page, creating a series of rows for writing.

A vertical solid line is positioned on the left side of the page. From this line, 25 horizontal dotted lines extend across the page, creating a series of rows for writing.

A large area of the page is reserved for writing, featuring a vertical solid line on the left side and horizontal dotted lines extending across the page.



**Copyright Information**

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website ([www.ocr.org.uk](http://www.ocr.org.uk)) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact the Copyright Team, First Floor, 9 Hills Road, Cambridge CB2 1GE.

OCR is part of the Cambridge Assessment Group; Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.