

Tuesday 6 June 2017 – Afternoon

GCSE GEOGRAPHY A

A732/01 Geographical Skills (Foundation 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 forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

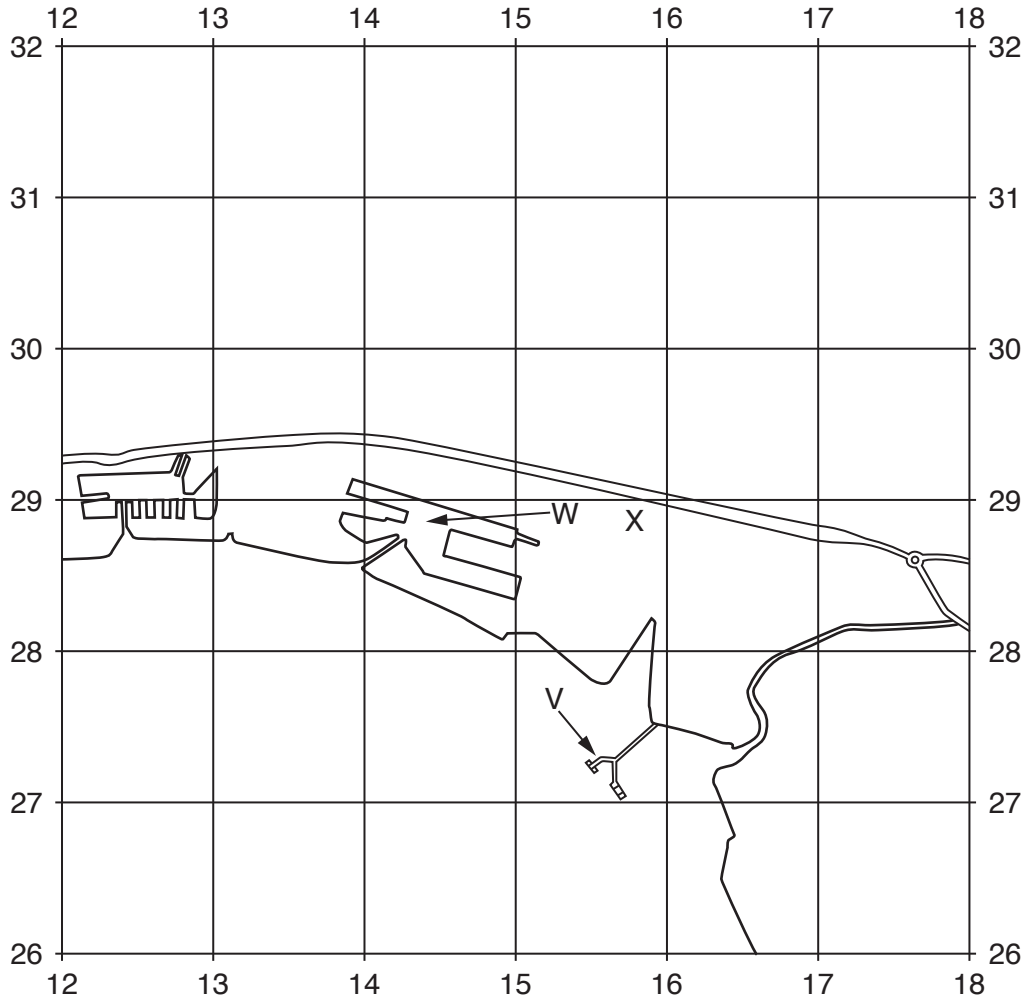
- The Insert and OS map extract will be found inside this document.
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question 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) (ii) 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) Grid square 1227 shows part of the estuary of the River Humber.

Place an H in this square on the map above.

[1]

- (ii) On which side of the River Humber is Kingston upon Hull located?

Circle the correct answer.

North South East West

[1]

- (iii) Name the feature which is labelled V on the map above.

.....

[1]

(iv) Name the dock which is labelled W on the map opposite.

.....

[1]

(v) What is the length of the dock labelled W?

Circle the correct answer.

0.8 km 1.0 km 1.2 km 2.0 km

[1]

(vi) What is the number of the road which is labelled X on the map opposite.

.....

[1]

2 (a) Study Fig. 1 in the separate Insert, which shows industrial works in and around grid square 1627.

(i) The works is an oil refinery where crude oil is made into other products such as petrol.

Using evidence from Fig. 1 **only** identify **two** features of the works.

1

.....

2

.....

[2]

(ii) How do each of the following features help to explain why this is a good location for an oil refinery?

Salt End Jetties

.....

.....

roads and a railway leading directly to the works

.....

.....

the gradient of the land

.....

.....

[3]

(b) Study the OS map extract, along with Fig. 2 in the separate Insert which was taken in grid square 0728.

(i) Use evidence from the OS map and Fig. 2 to describe **two** characteristics of the **houses** in grid square 0728.

1

2

[2]

(ii) Using **only** evidence from the OS map and Fig. 2 suggest **two** attractions of living in the area shown and **two** likely problems faced by people who live there.

Attractions:

1

2

Problems:

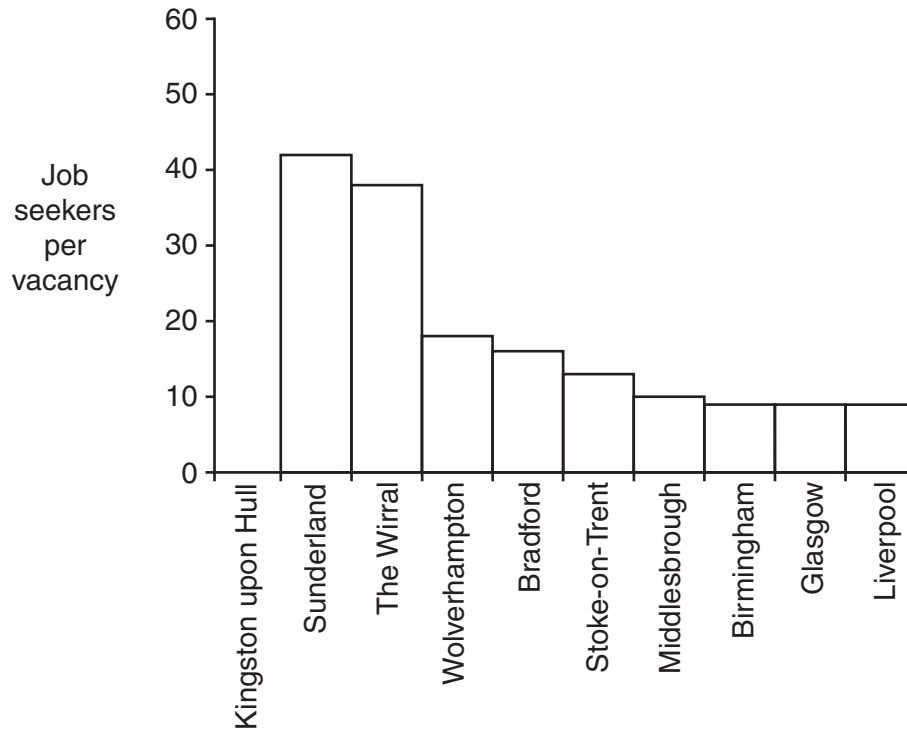
1

2

[4]

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

- (i) Complete the bar graph below by plotting the information from Fig. 3 about Kingston upon Hull. [1]



- (ii) Explain how the evidence in Fig. 3 suggests that it is harder to get a job in Sunderland than in Birmingham.

.....

..... [1]

- (iii) Tick the **two** regions in the table below which contain the top two worst places to find a job in Great Britain.

East	
East Midlands	
North East	
North West	
Scotland	
South East	
South West	
Wales	
West Midlands	
Yorkshire and Humberside	

[2]

- (iv) Use Fig. 3 in the separate Insert to choose the **one** statement which **best** describes the distribution of the ten best places to find a job.

Circle the correct answer.

Close together in North West England.

In most regions of Great Britain.

Mainly clustered in South East England.

Spread evenly through Great Britain.

[1]

(b) Study the extract below 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 new hope in the city, which is centred on Alexandra Dock. By 2017 the dock will be transformed into 'Green Port Hull', a service centre for the giant wind farms being built in the North Sea. Two companies 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, the turbine blades will be manufactured and then carried on a new private railway to 'Green Port Hull' for partial assembly. From here, ships will take them to the wind farm zones.

(i) Explain why fewer dock workers are needed now in the docks in Kingston upon Hull to handle cargo than thirty years ago.

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

(ii) Give **two** reasons why the fishing industry has declined in Kingston upon Hull.

1
.....
2
..... [2]

(iii) The decline of the fishing industry caused the loss of jobs on fishing boats. Give **two** other examples of jobs lost in Kingston upon Hull as a result of this decline.

1
2 [2]

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

(a) Describe how the percentage of UK electricity generated by different methods has changed between 2003 and 2013 by choosing the correct words to complete the **three** sentences below.

Circle the correct answers.

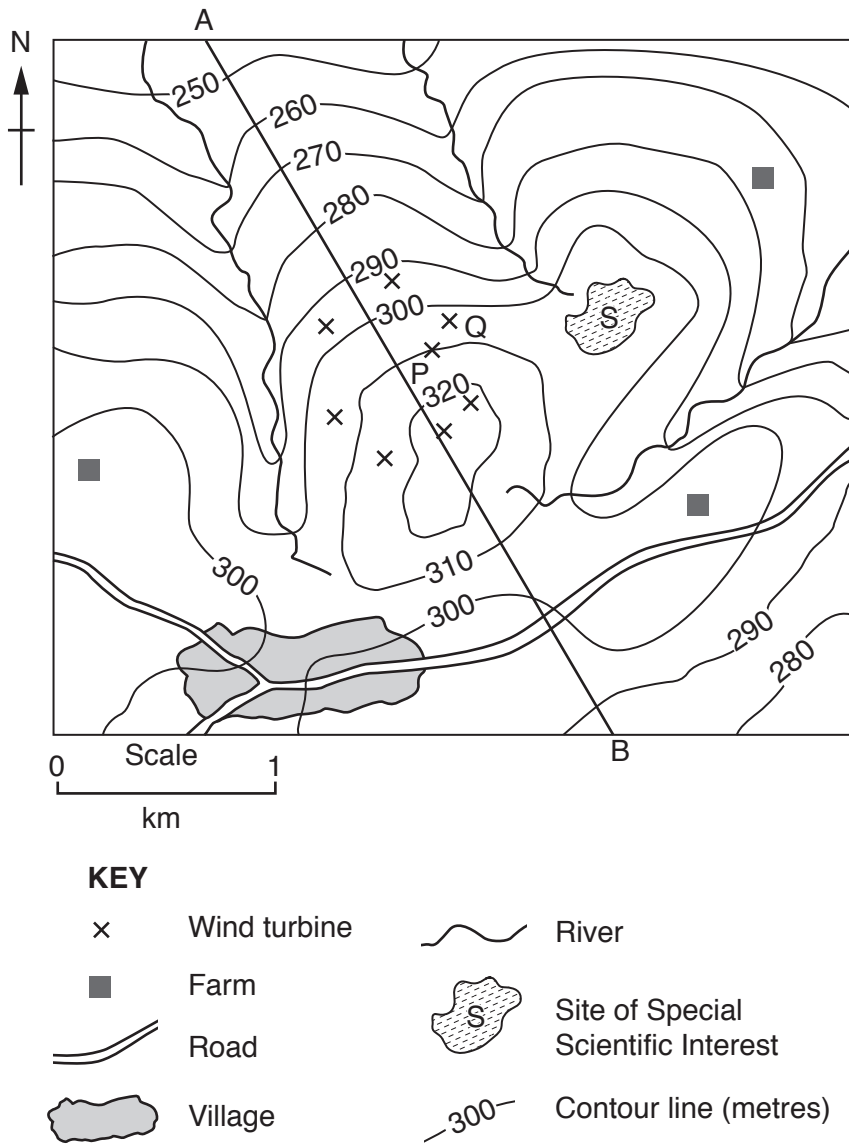
Most electricity in the UK is generated using **coal and gas / nuclear power / renewable energy**.

Between 2007 and 2013 the percentage of electricity generated using wind power **decreased / increased / stayed the same**.

In 2013 the percentage of electricity generated using wind power was **5% / 7% / 10%**.

[3]

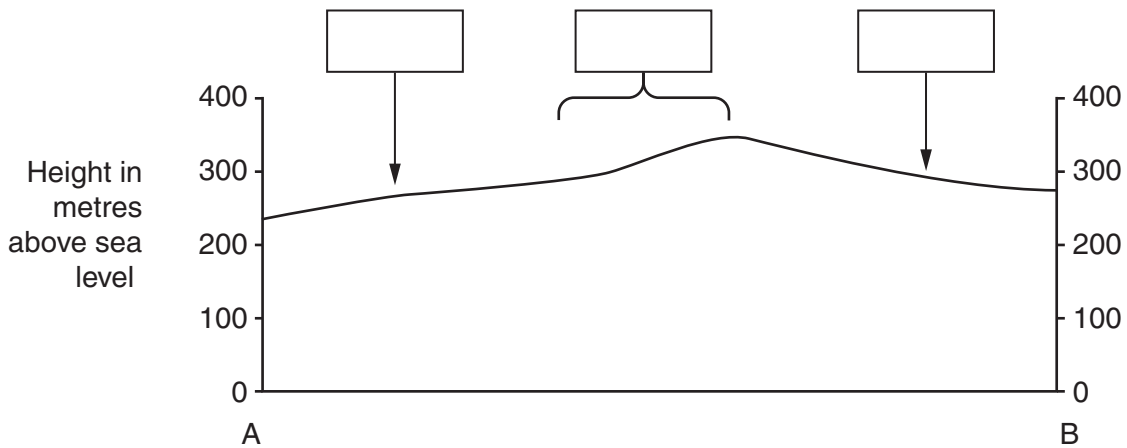
(b) Study the map below showing a small area with onshore wind turbines, along with Fig. 5 in the separate Insert which shows wind turbines.



- (i) Give the heights above sea level of:
- Turbine P metres
- Turbine Q metres

[2]

(ii) The diagram below is a cross-section along line A–B on the map opposite.



Label the boxes on the cross-section above by adding the following letters:

X to show the location of the wind turbines

Y to show the location of the road

Z to show a north facing slope

[3]

(iii) Suggest **two** reasons for the location of the wind turbines in the area shown on the map opposite.

- 1
-
- 2
-

[2]

(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) Name the offshore wind farm zone which is:

closest to Kingston upon Hull

250km north east of Kingston upon Hull

[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 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.

- (i) Describe the location of Alexandra Dock.

.....

.....

.....

.....

.....

.....

..... [3]

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 spaced evenly down the page, providing a guide for handwriting.

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.



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