

Wednesday 3 June 2015 – 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 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 bar codes.

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 **3(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:
UK – United Kingdom
OS – Ordnance Survey
- This document consists of **12** pages. Any blank pages are indicated.

Answer **all** the questions.

- 1 (a) Study the OS map extract (1:50 000), which shows part of Mansfield and the surrounding area.

Identify the following places where people work:

- (i) the farm in grid square 5657 [1]
- (ii) the building at 515603 [1]
- (iii) the leisure facility at 527575 [1]

- (b) Study Fig. 1 in the separate insert which shows the change in employment in the UK between 1961 and 2011.

Using only information from Fig. 1, describe the changes which occurred between 1961 and 2011 in manufacturing and service employment. You should refer to years and statistics in your answer.

Manufacturing employment

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Service employment

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[4]

(c) Study the extract below.

The Mansfield area suffered from high unemployment during the 1980s when its main industries declined. Coal mines were closed as the demand for coal fell in the UK. Also coal was running out or becoming too expensive to mine.

Many jobs in the manufacturing industries were lost as factories making metal goods, textiles and footwear were closed due to competition from abroad. However since the 1980s the area has attracted new service and high-technology industries to create new jobs.

Using only evidence from the extract above:

Describe and explain the changes in the employment structure of the Mansfield area between the 1980s and the present day.

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..... [4]

2 (a) Study Figs 2 and 3 in the separate insert which show Castlewood Business Park which has been built at 470571 on the OS map extract. A business park is where many new manufacturing and service industries are located.

(i) Describe **three** features of the buildings shown in Figs 2 and 3.

1

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2

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3

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[3]

(ii) Describe the location of Castlewood Business Park.

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..... [4]

(iii) Using only evidence from the OS map extract explain why this is a suitable location for Castlewood Business Park.

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..... [3]

(b) Study Fig. 4 which shows the location of Mansfield, along with cities, ports, airports and motorways in the UK.

Explain why Mansfield's location within the UK may be both an advantage and a disadvantage for the location of new industries.

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..... [3]

[Total = 24 Marks]

3 Look again at the OS map extract and find the village of Rainworth (in and around grid square 5958).

(a) (i) What is the direction of Rainworth from the centre of Mansfield?

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[1]

(ii) Identify and give the six figure grid reference of **one** service in Rainworth.

.....
 [2]

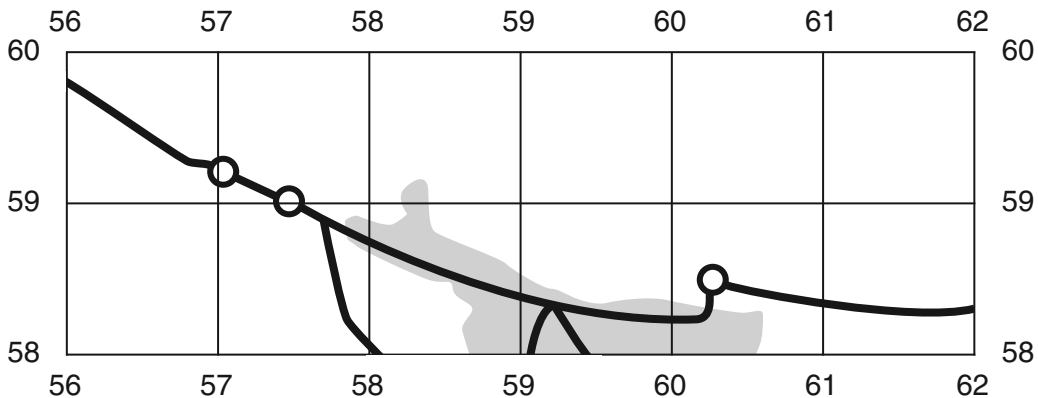
(b) A by-pass was opened in the year 2000 to the north of the village of Rainworth.

(i) What is the distance along the by-pass (A617) between the roundabouts at 575590 and 602585?

..... kilometres

[1]

(ii) Draw the route of the by-pass on the sketch map below.



[2]

(iii) Describe the route of the by-pass (A617) from the roundabout at 575590 to the roundabout at 602585.

.....

 [2]

(c) Study Figs 5 and 6 in the separate insert.

Fig. 5 shows part of the by-pass in grid square 5759.

Fig. 6 shows part of the original route of the A617 through Rainworth in grid square 5858.

(i) Using only evidence from Figs 5 and 6, identify **three** differences between the two roads.

- 1
-
- 2
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- 3
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[3]

(ii) Using only evidence from the OS map extract and Figs 5 and 6, suggest reasons why a by-pass was built around Rainworth.

You should refer to **two** different ideas and develop the points you make.

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[4]

ADDITIONAL ANSWER SPACE

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

A large area of lined paper for writing answers. It features a vertical margin line on the left side and horizontal dotted lines for writing. The lines are evenly spaced and extend across the width of the page.

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.

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A vertical solid line is positioned on the left side of the page. From this line, a series of horizontal dotted lines extend across the page, creating a grid for writing. There are 25 horizontal dotted lines in total, evenly spaced from top to bottom.

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