

Wednesday 3 June 2015 – 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

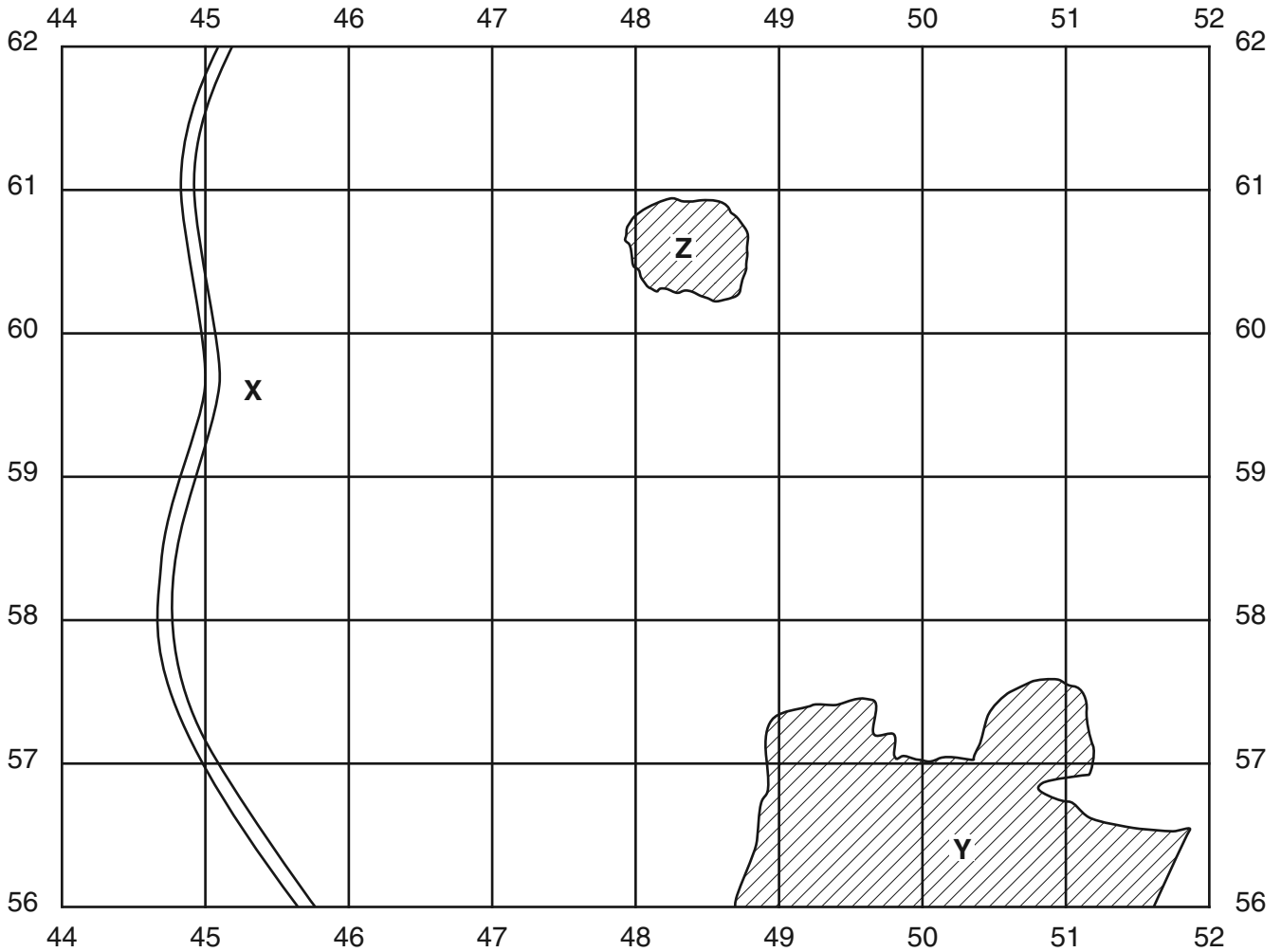
- The Insert and OS map extract will be found inside this document.
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question 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 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 **4(e)(iv)** 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, along with the sketch map below which shows the area to the west of grid line 52.



Name the following places:

- (i) Motorway X [1]
- (ii) Town Y [1]
- (iii) Village Z [1]

(b) Now look again at all of the OS map extract.

(i) What is the name of the farm in grid square 5657?

.....

[1]

(ii) What type of woodland is in grid square 6061?

.....

[1]

(iii) What leisure facility is at 527575?

.....

[1]

2 (a) Study Fig. 1 in the separate Insert which shows the change in employment in the UK between 1961 and 2011.

(i) Which type of industry employed the highest percentage of the UK workforce in both 1961 and 2011?

..... [1]

(ii) Which type of industry employed the same percentage of the UK workforce in 1961 and 2001?

..... [1]

(iii) Circle the four correct answers to complete the three sentences below.

The percentage of working people employed in services

decreased/increased/stayed the same between 1961 and 2011.

In 1961 **42%/48%/52%** of working people were employed in services and this was

71%/81%/85% in 2011.

The percentage of working people employed in manufacturing

decreased/increased/stayed the same between 1961 and 2011. [4]

(b) 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.

(i) Identify **two** types of manufacturing industry which declined in the Mansfield area during the 1980s.

1 2 [2]

(ii) Explain why factories closed in the Mansfield area during the 1980s.

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

(iii) Explain why there are now fewer jobs in coal mines in the Mansfield area.

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

3 (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.

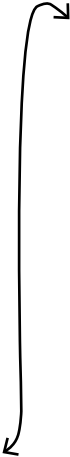
(i) Describe **three** features of Castlewood Business Park shown in Figs 2 and 3.

1
.....
2
.....
3
..... [3]

(ii) Match the beginnings and endings of the sentences below to explain why Castlewood Business Park is a suitable location for new industry.

One has been completed for you.

It is close to urban areas	where there is plenty of land available
It is next to a dual carriageway	which provides a link with the rest of the country
It is only 2 kilometres from junction 28 of the motorway	which local people can use to get to work
It is outside the urban areas	which provide a large workforce



[2]

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

Give **three** reasons why Mansfield's location within the UK is an advantage for the location of new industries.

- 1
-
- 2
-
- 3
-

[3]

[Total = 26 Marks]

4 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?

Circle the correct answer.

North East North West South East South West [1]

(ii) Identify **two** different types of service in Rainworth shown on the OS map extract.

1

2

[2]

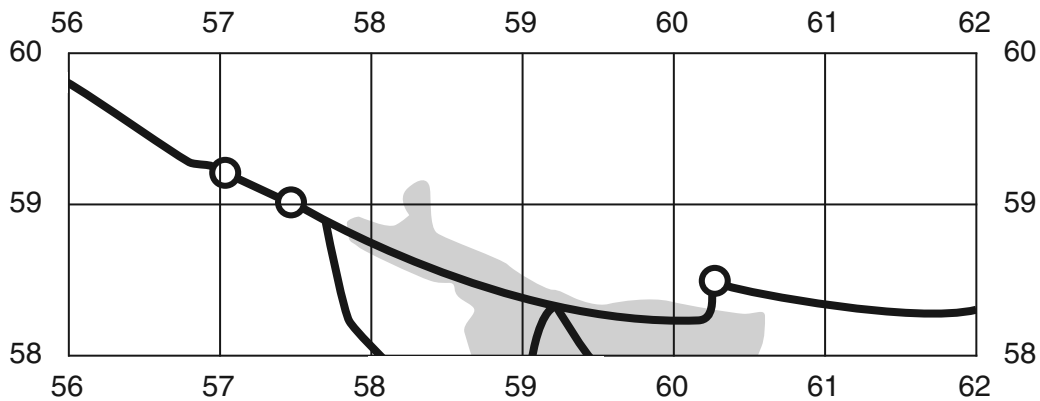
(b) A by-pass was opened in the year 2000 to the north of the village of Rainworth.

(i) Estimate the distance along the by-pass (A617) between the roundabouts at 575590 and 602585.

Circle your answer.

3.0 kilometres 3.5 kilometres 4.0 kilometres 4.5 kilometres [1]

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



[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, describe the land use alongside each of two roads.

Fig. 5

.....

Fig. 6

.....

[2]

(ii) Using only evidence from both Figs 5 and 6, identify how the width of the two roads is different.

.....

..... [1]

(d) Look again at the OS map extract.

(i) Suggest why a by-pass was built around Rainworth.

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..... [3]

(ii) Suggest **two** reasons why the by-pass was built to the north of Rainworth rather than to the south.

1

.....

2

.....

[2]

(e) Study Fig. 7 which shows the results of traffic surveys carried out by students in Rainworth before and after the by-pass was built.

(i) How many cars did the students count travelling **from** Mansfield **before** the by-pass was built?

..... [1]

(ii) How many commercial vehicles did the students count travelling **to** Mansfield **after** the by-pass was built?

..... [1]

(iii) Using only evidence from Fig. 7, describe the effect of the building of the by-pass on traffic flow.

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

(iv) Look again at the OS map extract and Figs 5, 6 and 7. Explain the likely advantages and disadvantages for people and the natural environment of building a by-pass around Rainworth.

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..... [6]

[Total = 24 Marks]

END OF QUESTION PAPER

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.

This section of the page is a large, empty area for writing answers. It consists of a vertical solid line on the left side, which serves as a margin. To the right of this line, there are 25 horizontal dotted lines spaced evenly down the page, providing a guide 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.

PLEASE DO NOT WRITE ON THIS PAGE



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