

GCSE (9–1) Geography B (Geography for Enquiring Minds)

J384/02 People and Society

Tuesday 5 June 2018 – Afternoon

Time allowed: 1 hour 15 minutes

7040918623*

You must have:

- the Resource Booklet (inserted)

You may use:

- a scientific or graphical calculator
- a ruler (cm/mm)

38402*

First name

Last name

Centre number

Candidate number

INSTRUCTIONS

- The separate Resource Booklet will be found inside this document.
- Use black ink. You may use an HB pencil for graphs and diagrams.
- Complete the boxes above with your name, centre number and candidate number.
- Answer **all** the questions.
- Write your answer to each question in the space provided. If additional space is required, 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

- The total mark for this paper is **70**.
- The marks for each question are shown in brackets [].
- Quality of written responses will be assessed in questions marked with an asterisk (*).
- Spelling, punctuation and grammar and the use of specialist terminology (SPaG) will be assessed in questions marked with a pencil (✍).
- This document consists of **12** pages.

SECTION A

Answer **all** the questions.

Urban Futures

1 Study **Fig. 1** in the separate Resource Booklet, an OS map extract which shows the site for Halsnead planned garden village in Merseyside, England.

(a) (i) What is the name of the existing housing area in grid squares 4790 and 4791?

Circle the correct answer

| | | | | |
|------------------------|-------------|-----------------|----------------|------------|
| Blundell's Hill | Holt | Rainhill | Whiston | [1] |
|------------------------|-------------|-----------------|----------------|------------|

(ii) What is the approximate area of the site for the planned garden village of Halsnead?

Circle the correct answer

| | | | | |
|---------------------------|---------------------------|---------------------------|---------------------------|------------|
| 0.5 Km² | 1.5 Km² | 2.5 Km² | 3.5 Km² | [1] |
|---------------------------|---------------------------|---------------------------|---------------------------|------------|

(b) Study **Fig. 2** in the separate Resource Booklet, which shows the plan for Halsnead garden village.

Use **Fig. 2** to suggest **two** pull factors which may attract people to live in Halsnead.

1

.....

2

.....

[2]

(c) The planned garden village of Halsnead is an example of suburbanisation.

Which of the following is the correct meaning of the term suburbanisation?

- A Improving the quality of life in inner city areas
- B Increase in the amount of people living in urban areas
- C People moving from rural areas to urban areas
- D The growth of urban areas as they expand outwards

Write the correct letter in the box.

[1]

(d) State **two** causes of suburbanisation in ACs.

1

[2]

(e) CASE STUDY – ways of life in cities

For an **Advanced Country (AC) city** you have studied, explain how international migration has changed the character of the city.

Name of AC city:

[6]

2 Dynamic Development

(a) Study the data table below which shows measures of development for four African countries.

| Country | GNI per capita (\$) | Literacy Rate % | Life Expectancy (Years) | Infant Mortality Rate (per 1,000) |
|-----------------|---------------------|-----------------|-------------------------|-----------------------------------|
| Cameroon | 3,070 | 75.0 | 58.5 | 52.2 |
| Chad | 2,110 | 40.2 | 50.2 | 87.0 |
| Gabon | 18,880 | 83.2 | 52.1 | 45.1 |
| Niger | 950 | 19.1 | 55.5 | 82.8 |

(i) Which country has the lowest life expectancy?

.....

[1]

(ii) Calculate the mean for GNI per capita.

[1]

(b) The country of Gabon is classified as an **Emerging and Developing Country (EDC)**.

Use **one** piece of data from the table above to explain why.

(c*) CASE STUDY – Low-Income Developing Country (LIDC) development

For an LIDC you have studied, assess how successful it has been in meeting **two** of the Millennium Development Goals.

Name of LIDC:

[8]

3 UK in the 21st Century

(a) (i) Study **Fig. 3**, a map showing mean annual rainfall for the UK.

Which statement about the pattern of mean annual rainfall in the UK is correct?

- A Northern Ireland has the lowest levels of rainfall
- B The highest levels of rainfall are in the North and West of the UK
- C The highest levels of rainfall are in the South and East of the UK
- D Wales and Scotland have low levels of rainfall

Write the correct letter in the box.

[1]

(ii) State **two** factors which affect the variation of rainfall in the UK.

1

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2

.....

[2]

(iii) Study **Fig. 4**, a map which shows forecast household use of water for England and Wales.

Why will the South East of England be an area of severe water stress in the future?

Use evidence from **Fig. 3** and **Fig. 4**, to explain your answer.

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[4]

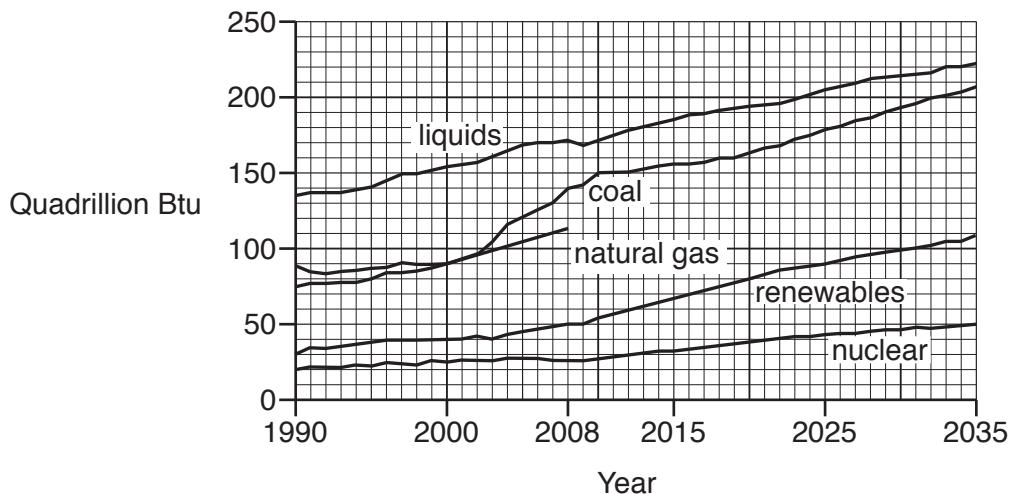
(b) Evaluate the importance of the UK's role in **one** example of a global conflict.

[6]

[6]

4 Resource Reliance

(a) The line graph below shows world energy consumption by fuel from 1990 to 2035.



(i) Use the following data to complete the line for natural gas from 2008 to 2035. [1]

2015: 120 (Quadrillion Btu)

2025: 150

2035: 175

(ii) Explain how mining can affect ecosystems.

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[3]

(b) Study **Fig. 5**, a world map showing food security risk index by country.

Describe the pattern for countries with the lowest level of food security risk.

[3]

[3]

(c) CASE STUDY – food security

For a country you have studied, explain how food security is achieved by **one** method at a local scale.

Country studied:

[6]

SECTION B

Answer **all** the questions.

Human Geography Fieldwork

5 (a) Study **Fig. 6** in the separate Resource Booklet, a photograph showing traffic congestion in the city of Norwich.

State **two** ways this photograph could be used in a human geography investigation.

.....

.....

[2]

(b) As part of a students' fieldwork investigation, they counted the number of cyclists approaching a main road into Norwich. The results are shown in the table below.

| Site Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|------------------|----|----|----|----|----|----|----|----|---|----|----|
| Cyclists counted | 19 | 22 | 15 | 18 | 26 | 27 | 25 | 23 | 5 | 8 | 12 |

Calculate the lower quartile value of the dataset.

You must show your working out.

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[3]

(c) For a human geography fieldwork investigation which you have completed, justify **one** technique you used to present your data.

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[2]

(d*) Figs 7a, 7b and 7c in the separate Resource Booklet show information on population and transport issues in the city of Norwich.

Using evidence from **Figs 6, 7a, 7b and 7c**, write a conclusion to the hypothesis: '*Transport provision in Norwich is causing problems now and will do so in the future*'. Develop your answer.

[8]



Spelling, punctuation and grammar and the use of specialist terminology [3]

END OF QUESTION PAPER

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).



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