

Wednesday 8 June 2016 – Afternoon

GCSE GEOGRAPHY B

B563/02 Key Geographical Themes (Higher Tier)

Candidates answer on the Question Paper.

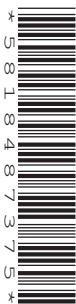
OCR supplied materials:

- Resource Booklet (B563/A772/01/02/RB – inserted)

Other materials required:

None

Duration: 1 hour 45 minutes



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

- The Resource Booklet will be found inside this document. You may not use all of the resources. The questions tell you which resource(s) you need to use.
- 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.
- The total number of marks for this paper is **99**.
- You will be assessed on the quality of written communication in your answer to the following questions: 1(e), 2(g) and 3(f). Questions marked with a pencil (✎) will carry **3** additional marks for spelling, punctuation and grammar.
- This document consists of **16** pages. Any blank pages are indicated.

Answer **all** the questions.

SECTION A – Population and Settlement

1 Use **Figs 3, 4 and 5** in the Resource Booklet.

(a) Study **Fig. 3** which shows how the population structure of Japan (MEDC) may change over time.

(i) Describe **three** differences in the population of Japan between 1950 and 2050 (projected). Refer to the three age groups shown.

0–14:

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15–64:

.....

65 and over:

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[3]

(ii) Describe how the birth rate and life expectancy in Japan are likely to change between 1950 and 2050.

Birth rate

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Life expectancy

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[2]

(b) Explain why life expectancy in MEDCs changes over time.

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[4]

(c) Study **Fig. 4**, a photograph of a squatter settlement in the city of Nairobi in Kenya (LEDC).

(i) Explain why many people in LEDCs live in squatter settlements such as the one shown.

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(ii) Describe in detail **one** way to improve an area such as the one shown.

Explain why it might be difficult to make this improvement.

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..... [4]

(e)  **CASE STUDY – an example of international migration**

Name **two** countries between which people have migrated.

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Explain the causes of the migration and describe attempts to manage the migration between the two countries.

(Include at least **three** developed ideas.)

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 **Spelling, punctuation and grammar [3]**

END OF QUESTION 1

(c) Describe the climatic conditions which lead to periods of drought.

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(d) Study **Fig. 7** which shows different methods of managing drought in **MEDCs**.

From **Fig. 7** choose **one** method to reduce the impact of drought on a local scale (method 1 or method 2) and **one** method to reduce the impact on a national scale (method 3 or method 4). Describe how each method can reduce the impact of drought and explain how sustainable each method would be.

Local scale method:

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National scale method:

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[4]

(e) A tropical storm is another climatic hazard.

State **two** features of the weather during a tropical storm.

1

2

[2]

(f) Look at **Fig. 8** which shows a tropical storm shelter in Bangladesh.

Explain **two** ways in which the shelter is likely to be effective in protecting people in LEDCs during a tropical storm.

1

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2

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[4]

(g)  CASE STUDY – a tectonic hazard event in an LEDC

Name and locate an example of a tectonic hazard in an LEDC.

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Explain the causes of the tectonic hazard and describe its impact on people.
(Include at least **three** developed ideas.)

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 Spelling, punctuation and grammar [3]

END OF QUESTION 2

SECTION C – Economic Development

3 Use **Figs 9, 11** and **12** in the Resource Booklet.

(a) Study **Fig. 9** which shows the employment structure of three countries that are at different levels of economic development.

(i) In which country is the employment structure most evenly divided into primary, secondary and tertiary sectors?

Circle your answer below.

Germany **Tanzania** **Sri Lanka** [1]

(ii) Describe **two** major differences between the employment structures of Tanzania and Germany.

1

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2

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[2]

(iii) Suggest **two** reasons for the different employment structures in Tanzania and Germany.

1

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2

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[4]

(b) Study **Fig. 11** which shows a person working in a quaternary industry.

Briefly explain why work such as this is part of the quaternary sector of employment.

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(c) Describe and explain **two** factors which may attract a secondary industry to locate in an area.

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[4]

(d) Study **Fig. 12** which shows details of aid from the USA to the Philippines after a natural disaster.

Explain how aid shown in **Fig. 12** can improve the quality of life in an LEDC such as the Philippines after a natural disaster.

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[4]

(e) Explain why international aid might **not** be sustainable.

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[4]

(f)  CASE STUDY – economic activity and the environment

Name and locate an economic activity which has affected the physical (natural) environment.

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Describe how the economic activity has affected the physical (natural) environment. Explain how the conflict between economic development and the environment has been managed sustainably.

(Include at least **three** developed ideas.)

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 **Spelling, punctuation and grammar [3]**

END OF QUESTION 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).

A large area of lined paper for writing answers. It consists of 25 horizontal dotted lines. A solid vertical line runs down the left side of the page, creating a margin. The rest of the page is open 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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