

Wednesday 8 June 2016 – Afternoon

GCSE GEOGRAPHY B

B563/01 Key Geographical Themes (Foundation 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(g), 2(g) and 3(g). 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**, population pyramids for Japan (MEDC) in 1950, 2005 and 2050.

(i) Which year shows the highest number of people aged under 15?

..... [1]

(ii) Which year shows the highest number of people aged over 65?

..... [1]

(iii) What is the predicted number of females aged over 90 for 2050? **Circle** the correct answer

1 million 3 million 5 million [1]

(b) **Circle** the correct words to complete the sentences which follow:

(i) The population pyramids show that from 1950 to 2050 Japan's **birth rate** is predicted to...

decrease stay the same increase [1]

(ii) The population pyramids show that from 1950 to 2050 Japan's **death rate** is predicted to...

decrease stay the same increase [1]

(c) Suggest reasons to explain the changes in birth and death rates in an MEDC such as Japan.

Birth Rate:

.....

.....

.....

Death Rate:

.....

.....

.....

[4]

(f) Study **Fig. 5**, a diagram showing land use zones in an **LEDC** city.

(i) State **two** ways in which the land use zones in an **MEDC** city would be **different** to those in an **LEDC** city.

Way 1:
.....

Way 2:
.....

[2]

(ii) State **two** ways in which the location of the land use zones in an **MEDC** city would be **similar** to those in an **LEDC** city.

Way 1:
.....

Way 2:
.....

[2]

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

- Give the name of the country that people migrated **from**.

Name of country

- Give the name of the country that people migrated **to**.

Name of country

- Explain, with detail, the causes of the migration.

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- Describe, with detail, how the migration has been managed.

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[9]

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

Section B – Natural Hazards

2 Use **Figs 6a, 6b, 7** and **8** in the Resource Booklet.

(a) Study **Fig. 6a**, a world map showing the risk of death due to severe drought.

(i) State the level of risk of death due to severe drought for the continent of Europe.

..... [1]

(ii) Which continent has the highest risk of death due to severe drought?

..... [1]

(iii) Study **Fig. 6b**, a world map showing drought events from 2000–2010.

Name the continent with countries which had more than three severe drought events.

..... [1]

(b) Suggest why the impact of severe drought is more serious in **LEDCs** than in **MEDCs**.

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..... [4]

(c) Identify **two** causes of severe drought from the list below.

Tick (✓) your **two** answers

Condensation

Descending air

High pressure

High temperatures

Thunderstorms

[2]

(d) Study **Fig. 7** which shows some drought management methods used in **MEDCs**.

Choose **two** of the methods.

Describe each method and explain how it can reduce the impact of a severe drought.

Chosen Method:

.....

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Chosen Method:

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[4]

(e) Tropical storms are another type of climatic hazard.

Describe **two** weather conditions of tropical storms.

Explain how each is a hazard to people.

Weather condition 1

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Weather condition 2

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[4]

(f) Study **Fig. 8**, a photograph of a tropical storm shelter in Bangladesh.

Explain how the tropical storm shelter could reduce the impact of a tropical storm on the local people.

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[4]

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

- State the type of tectonic hazard and name the **LEDC** place in which it happened.

Type of tectonic hazard:

Name of **LEDC** place:

- Describe, with detail, the impact of the tectonic hazard on the **LEDC** place.

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- Explain, with detail, what caused the tectonic hazard.

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[9]

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

Section C – Economic Development

3 Use **Figs 9, 10** and **12** in the Resource Booklet.

(a) Study **Fig. 9**, pie charts showing the employment structure for three countries.

(i) Which country has the highest percentage of primary workers?

..... [1]

(ii) Which country has the highest percentage of tertiary workers?

..... [1]

(iii) What was the percentage of workers employed in the secondary sector in Sri Lanka?

Circle the correct answer: **8%** **28%** **48%** [1]

(b) Use **Fig. 9** to identify **two** pieces of evidence which show that Tanzania is less economically developed than Germany.

Explain how each piece of evidence shows that Tanzania is less economically developed than Germany.

Evidence 1:

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.....

Evidence 2:

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[4]

(c) Study **Fig. 10** which shows workers in Tanzania.

What type of workers are shown in **Fig. 10**?

Circle the correct answer:

primary **secondary** **tertiary**

Give a reason for your answer.

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

(d) Describe and explain **two** factors which affect the location of secondary industry.

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..... [4]

(e) Study **Fig. 12**, information about aid from the USA to the Philippines after a natural disaster.
Explain how the aid could have helped local people after the natural disaster.

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..... [4]

(f) Some aid from **MEDCs** can cause problems for **LEDCs**.

Explain **two** problems which can be caused for **LEDCs** when they receive aid from **MEDCs**.

Problem 1:

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Problem 2:

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[4]

(g)  CASE STUDY – an economic activity that has damaged the physical (natural) environment

- State the type of economic activity and give its location.

Type of economic activity:

Location:

- Describe, with detail, how the economic activity has damaged the physical (natural) environment.

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- Describe, with detail, how the damage to the physical (natural) environment has been managed.

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[9]

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 **Spelling, punctuation and grammar [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 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 large area of the page is reserved for writing, featuring a vertical margin line on the left and horizontal dotted lines for text alignment.



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