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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
GENERAL CERTIFICATE OF SECONDARY EDUCATION**

A772/01

GEOGRAPHY B (Short Course)

Key Geographical Themes (Foundation Tier)

FRIDAY 17 JUNE 2011: Morning

DURATION: 1 hour

SUITABLE FOR VISUALLY IMPAIRED CANDIDATES

Candidates answer on the question paper.

OCR SUPPLIED MATERIALS:

OS map extract (inserted)

Resource booklet

(B563/A772/01/02/RB – inserted)

OTHER MATERIALS REQUIRED:

None

READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

- Write your name, centre number and candidate number in the boxes on the first page. Please write clearly and in capital letters.
- Use black ink. Pencil may be used for graphs and diagrams only.
- 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 at the end of this booklet. The question number(s) must be clearly shown.
- Answer TWO questions. Answer ONE question from Section A (EITHER Question 1 OR Question 2), answer ONE question from Section B (EITHER Question 3 OR Question 4).

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 50.
- You will be awarded marks in Questions 1(f), 2(f), 3(f) and 4(f) for the quality of written communication of your answer.

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SECTION A

You must answer EITHER Question 1 OR Question 2.

RIVERS AND COASTS

EITHER

1 Use FIG. 1 in the Resource Booklet and the OS map extract.

(a) Study FIG. 1, a photograph of the River Esk at Whitby, and the OS map extract.

(i) State the number of the A road which crosses the River Esk in FIG. 1.

A _____ [1]

(ii) Give the 4 figure reference of the grid square where the A road crosses the river.

CIRCLE the correct answer.

8908

8910

8912

[1]

(iii) In which direction was the camera pointing when the photograph, FIG. 1, was taken?

CIRCLE the correct answer.

SOUTH EAST

SOUTH WEST

NORTH EAST

[1]

(b) FIG. 1 shows the LOWER course of the River Esk.

Describe the river landforms shown in Fig. 1.

[4]

(c) The upper course of the river has different landforms.

Describe the river landforms in the UPPER course of a river.

[4]

(d) (i) Labels X and Y are on a bend in the river.

What is the correct landform name for a bend in a river?

_____ [1]

(ii) Find the labels X and Y on FIG. 1.

At which place, X or Y will erosion be happening? _____

At which place, X or Y will deposition be happening? _____

[1]

(e) Explain why erosion and deposition take place on different sides of the bend in the river.

You may draw a labelled diagram opposite as part of your answer.

[4]

(f) CASE STUDY: AN EXAMPLE OF A PLACE WHERE RIVER FLOODING IS MANAGED

- **Name your chosen place.**

- **Describe, with detail, the effects of flooding at your chosen place.**

- **Describe, with detail, the methods used to manage river flooding at your chosen place.**

[8]

[Total marks: 25]

END OF QUESTION 1

OR

2 Use the OS map extract and FIG. 2 in the Resource Booklet.

(a) Study the OS map extract and the map key.

Complete the table by writing the correct coastal feature for each grid square, from the selection below.

FLAT ROCK

MUD

SAND

SHINGLE

GRID SQUARE	COASTAL FEATURE
8514	
8811	
8612	

[3]

(b) Study FIG. 2, a photograph of Saltwick Bay.

Identify TWO coastal landforms shown in FIG. 2.

Landform 1 _____

Landform 2 _____ **[2]**

(c) Describe TWO processes of erosion which will affect the landforms at Saltwick Bay.

Process 1 _____

Process 2 _____

[4]

(d) Explain how rock type (geology) can affect coastal landforms.

[4]

(e) Describe the process of longshore drift. You may draw a labelled diagram opposite as part of your answer.

[4]

(f) CASE STUDY: AN EXAMPLE OF A PLACE WHERE COASTAL EROSION IS MANAGED

- **Name your chosen place.**

- **Describe, with detail, the effects of coastal erosion on your chosen place.**

- **Describe, with detail, the methods used to manage coastal erosion at your chosen place.**

[8]

[Total marks: 25]

END OF QUESTION 2

SECTION B

You must answer EITHER Question 3 OR Question 4.

ECONOMIC DEVELOPMENT

EITHER

3 Use FIG. 10 in the Resource Booklet.

- (a) Study FIG. 10, a map showing the Human Development Index (HDI) for the countries of the world.**

Use information about the named countries on FIG. 10 to complete the gaps in this table.

HDI	NAME OF COUNTRY
Very High	Australia
High	
Medium	India
	Angola
Very Low	

[3]

(b) One of the Human Development Index (HDI) measures is life expectancy.

(i) What does 'life expectancy' mean?

[2]

(ii) Give TWO reasons why some countries have high life expectancy.

Reason 1 _____

Reason 2 _____

[2]

(c) Life expectancy is one measure of development.

State TWO other measures of development and explain how EACH one can show a country's level of development.

Measure 1 _____

Measure 2 _____

_____ [4]

(d) Explain how an aid charity, such as Action Aid, could use the HDI map, FIG. 10, to decide where to locate its aid projects.

_____ [2]

(e) MEDCs give aid to LEDCs to help with their development.

Explain ONE benefit and ONE problem for LEDCs of aid given by MEDCs.

Benefit _____

Problem _____

_____ **[4]**

**(f) CASE STUDY: AN EXAMPLE OF AN AID PROJECT
IN AN LEDC**

- **Name and locate an aid project.**

- **Describe, with detail, the main features of the aid project.**

- **How sustainable is the aid project? Give detail in your answer.**

[8]

[Total marks: 25]

END OF QUESTION 3

OR

4 Use FIGS 11 and 12 in the Resource Booklet.

(a) Study FIG. 11, a photograph showing inside a car assembly factory.

(i) What type of economic activity is this?

CIRCLE the correct answer.

PRIMARY

SECONDARY

TERTIARY

[1]

(ii) Briefly explain your answer.

[1]

(b) Study FIG. 12, which shows the Nissan car assembly factory near Sunderland, UK.

(i) Describe ONE feature of the factory buildings.

_____ [1]

(ii) State TWO features which show why this is a good location for a large industry like Nissan.

Feature 1 _____

Feature 2 _____

_____ [2]

(c) Most car production in the UK is done by multinational companies (MNCs) which have factories in many countries.

Suggest why these multinational companies (MNCs) invest in the UK.

[4]

(d) Multinational companies (MNCs) also invest in LEDCs.

Suggest ONE benefit and ONE problem for LEDCs of investment by multinational companies (MNCs).

Benefit _____

Problem _____

_____ [4]

(e) (i) Give an example of a type of primary industry.

_____ [1]

(ii) Describe the factors which affect the location of this type of primary industry.

_____ [3]

(f) CASE STUDY: AN EXAMPLE OF AN ECONOMIC ACTIVITY THAT HAS DAMAGED THE PHYSICAL ENVIRONMENT

- **Give the name and location of your chosen economic activity.**

Name _____

Location _____

- **Describe, with detail, the main features of the economic activity.**

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

[8]

[Total marks: 25]

END OF QUESTION 4

ADDITIONAL PAGE:

If you use this lined page to complete the answer to any question(s), the question number(s) **MUST be clearly shown.**

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