

# Tuesday 16 May 2017 – Afternoon

### AS GCE GEOGRAPHY

**F761/01** Managing Physical Environments

Candidates answer on the Question Paper.

### **OCR** supplied materials:

An Insert (F761/01/I – inserted)

Other materials required:

None

**Duration:** 1 hour 30 minutes



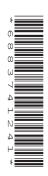
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### **INSTRUCTIONS TO CANDIDATES**

- The Insert 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 two questions from Section A, Question 1 or 2 and Question 3 or 4.
- Answer one question from Section B. The question answered must be on a different topic from the two topics chosen in Section A.
- Answer three questions in total.
- Refer to research and fieldwork where appropriate.
- 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 barcodes.

#### **INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- The Insert contains maps and diagrams for use with questions.
- The total number of marks for this paper is 75.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.
- Even where not specifically asked for, credit will be given for sketch maps and diagrams, provided they illustrate your answer.
- This document consists of 20 pages. Any blank pages are indicated.



# **SECTION A**

Answer two questions, Question 1 or 2 and Question 3 or 4.

# Answer Question 1 or 2.

# **EITHER**

# **River Environments**

1	(a)	Stu	dy Fig. 1, extracts from an article about Bangladesh.
		(i)	Using Fig. 1, state <b>four</b> reasons why Bangladesh is naturally vulnerable to river flooding.
			1
			2
			3
			4
			[4]
		(ii)	Suggest and justify <b>two</b> ways in which flood risk issues in Bangladesh could be managed.

.....[6]

(b)	Explain <b>two</b> reasons why river landscapes have a variety of human activities.
	[6]

(c)	With reference development of	to one of fluvial land	r more forms.	river	basins,	explain	how	falling	sea	level	affects	the
					•••••							
												F.C.
												. [9]

2

### **Coastal Environments**

(a)	Stu	dy Fig. 2, extracts from an article about the Sandbanks peninsula, Dorset.
	(i)	Using Fig. 2, state <b>four</b> reasons why the Sandbanks peninsula needs to be protected from natural processes.
		1
		2
		3
		4
		[4]
	(ii)	Suggest and justify <b>two</b> methods that could be used to protect the Sandbanks peninsula from natural processes.
		[e]

(b)	Explain <b>two</b> reasons why coastal areas have a variety of human activities.
	re:

(c)	With reference to one or more coastlines, explain how rising sea level affects the development of coastal landforms.
	[9]

# **EITHER**

# **Cold Environments**

3	(a)	Stu	dy Fig. 3, a cold environment in Iceland.
		(i)	Describe the main features of the landscape in Fig. 3.
			[4]
		(ii)	Suggest how depositional processes have shaped this landscape.
			[6]

(b)	Outline <b>two</b> opportunities for economic development in cold environments.
	[6]

(c)	Using examples, describe and explain how climate influences flora in cold environments.
	[9]

# **Hot Arid and Semi-Arid Environments**

(i)	Describe the main features of the landscape in Fig. 4.
(ii)	Suggest how depositional processes have shaped this landscape.
(ii)	

0)	Outline two opportunities for economic development in not arid/semi-arid environments.
	[6]

(c)	Using examples, environments.	describe	and	explain	how	climate	influence	es flora	in hot	arid/semi-arid
										[9]

### **SECTION B**

Answer one of the following questions.

The question answered must be on a different topic from the two topics chosen in Section A.

### **River Environments**

With reference to located river basins, examine the varied ways in which conflicts between different land uses can be resolved. [25]

### **Coastal Environments**

With reference to located coastal areas, examine the varied ways in which conflicts between different human activities can be resolved. [25]

### **Cold Environments**

7 With reference to located examples, discuss how cold environments can be sustainably managed.
[25]

### **Hot Arid and Semi-Arid Environments**

With reference to located examples, discuss how hot arid/semi-arid environments can be sustainably managed. [25]

Essay plan for your answer.

# Write the number of the question answered in the margin.

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# **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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