

Coastal environments -2

Name: _____

Class: _____

Date: _____

Time:

Total Marks Available:

Total Marks Archived:

Level: IGCSE Mathematics A

Subject: Geography

Exam Board: Edexcel IGCSE Geography- it is however suitable for use by mathematics student of other boards

Topic: Coastal environments-2

Type: Topic Questions

To be used by all students preparing for Edexcel IGCSE Geography- Students of other Boards may also find this useful

Q1.

Coastal environments

Study Figure 2c in the Resource Booklet.

Analyse the importance of managing the threats to this coral reef ecosystem.

(8)

(Total for question = 8 marks)

Q2.

Coastal environments

Study Figures 2c, 2d and 2e in the Resource Booklet.

Analyse the threats to small- and large-scale coastal ecosystems from people and their activities.

(8)

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(1)

<input type="checkbox"/>	A Where plant roots grow into cracks in the rocks.
<input type="checkbox"/>	B Where plants take over the coastal landscape.
<input type="checkbox"/>	C Where plant roots are damaged by rocks.
<input type="checkbox"/>	D Where wind causes erosion of rock.

(ii) State **one** type of coastal mass movement.

(1)

(iii) Explain **one** type of hard engineering that is used in coastal management.

(2)

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(Total for question = 4 marks)

Q4.

Coastal environments

Study Figure 2a in the Resource Booklet.

Suggest **one** reason for each of these different approaches to coastal management.

(4)

Approach 1



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Approach 2

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(Total for question = 4 marks)

Q5.

Coastal Environments.

(i) Identify **one** erosional landform.

(1)

<input type="checkbox"/>	A spit
<input type="checkbox"/>	B cave
<input type="checkbox"/>	C bar
<input type="checkbox"/>	D beach

(ii) State **one** type of mass movement that affects coastal landscapes.

(1)

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(iii) Explain **one** type of mechanical weathering that occurs at the coast.

(2)

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(Total for question = 4 marks)

Q6.

Coastal environments

Explain **one** cause of coastal flooding.

(3)

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EXAM PAPERS PRACTICE
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(Total for question = 3 marks)

Q7.

Coastal Environments.



Explain **one** physical factor that influences the distribution of mangrove ecosystems.

(3)

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(Total for question = 3 marks)

Q8.

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Coastal environments

Explain **one** way tourism can threaten coastal ecosystems.

(3)

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(Total for question = 3 marks)

Q9.

Coastal environments

Explain the formation of a spit.

(4)

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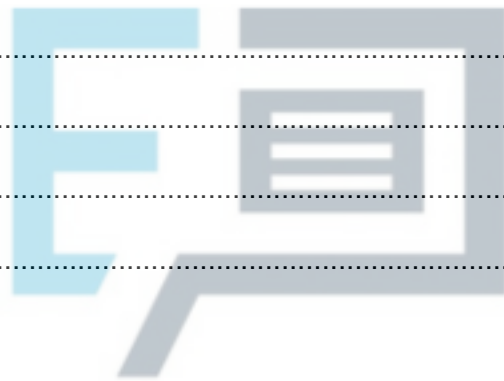
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(Total for question = 4 marks)

EXAM PAPERS PRACTICE

Q10.

Coastal Environments

Study Figure 2a in the Resource Booklet.

Explain **two** ways in which coastal environments are threatened by human activity.

(4)

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2

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(Total for question = 4 marks)

Q11.

EXAM PAPERS PRACTICE Coastal Environments

Answer the question with a cross in the box you think is correct (). If you change your mind about an answer, put a line through the box () and then mark your new answer with a cross ().

(1)

(i) Identify the statement that best describes an ecosystem.

- A** the community of interacting living and non-living organisms
- B** the storage of nutrients by plants and animals
- C** the biomass of a community held in plants and animals
- D** the marine plants found in a rock pool

(ii) Define what is meant by the term **abiotic**.

(1)



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(iii) Explain **one** factor that controls the distribution of salt marshes.

Named factor

(2)

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(Total for question = 4 marks)

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Q12.

Coastal environments

Study Figure 2b in the Resource Booklet.

Identify the coastal landform at X.

(1)

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(Total for question = 1 mark)

Q13.

Answer the question with a cross in the box you think is correct . If you change your mind about an answer, put a line through the box and then mark your new answer with a cross .

Coastal environments

Identify the feature of a mangrove ecosystem.

(1)

- A high altitude
- B steep land gradient
- C complex root system
- D cold temperatures



(Total for question = 1 mark)

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Q14.

Coastal Environments.

Identify the statement below that best describes the characteristics of a destructive wave.

(1)

<input type="checkbox"/>	A long wavelength and weak backwash
<input type="checkbox"/>	B short wavelength and strong backwash
<input type="checkbox"/>	C long wavelength and strong backwash
<input type="checkbox"/>	D short wavelength and weak backwash

(Total for question = 1 mark)

Q15.

Coastal Environments.

Study Figure 2a in the Resource Booklet.

Suggest **two** ways changes in sea level have created coastal landforms.

(4)

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2.....
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(Total for question = 4 marks)

Q16.

Coastal environments

Analyse the different benefits mangrove ecosystems bring to coastal communities in India.

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(8)



EXAM PAPERS PRACTICE

(Total for question = 8 marks)

