

## **A level Geography**

**H481/01** Physical systems

### **Question Set 5**

Coastal Landscapes

1 (a) Explain how a sediment cell can be viewed as a system. [8]

(b) Study **Table 1** which shows mean rates of shoreline retreat for 9 east coast states in the USA.

Mean rate of shoreline retreat (m/yr)	0.4	0.5	0.9	1.0	1.5	4.2	0.6	2.0	0.1
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**Table 1 Mean rate of shoreline retreat for 9 east coast states in the USA**

(i) Calculate the median for the data shown in **Table 1**.  
You must show your working. [2]

(ii) Calculate the interquartile range for the data shown in **Table 1**.  
You must show your working. [4]

(c) Study **Fig. 1**, Ediz Hook, Washington.

With reference to **Fig. 1**, explain the role of flows of materials in forming landform **A**. [3]

(d)\* Using a case study, assess the relative importance of the different physical factors influencing the landscape of a high energy coastline. [16]

**Total Marks for Question Set 5: 33**

# Resource Materials

1 (c) Fig. 1 – Ediz Hook, Washington





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