**REVISION SHEET 4**

**UNIT 4: THE HYDROSPHERE**

***Task 1: Define the following key terms:***  [K 12]

|  |  |
| --- | --- |
| **Key Term** | **Definition** |
| Thermocline |  |
| Ocean Conveyor Belt |  |
| Gyre |  |
| Great Pacific Garbage Patch |  |
| Constructive Waves |  |
| Destructive Waves |  |
| River Discharge |  |
| Lag Time |  |
| Fetch |  |
| El Niño |  |
| La Niña |  |
| Teleconnections |  |

***Task 2: Draw annotated sketches to show the differences between constructive and destructive waves.*** [A 3]

[C 3]

***Task 3: Describe the THREE wind factors that influence the size of a wave***  [T 3]

***Task 4: Draw a mind-maps to show the causes and effects of the following flooding event:***

1. Pakistan Floods 2010 [T 6]

***Task 5: Draw an annotated sketch of a hydrograph to explain what it shows.***  [A 4]

[C 4]

***Task 6: Draw an annotated sketch to show the formation of ONE of the following coastal landforms:***

(a) Headland and Bay [A 4]

[C 4]

(b) Wave-cut platform and notch [A 4]

[C 4]

(c) Caves, arches, stacks and stumps [A 4]

[C 4]

***Task 7: Explain THREE human and THREE physical causes of flooding.***  [T 6]