**REVISION SHEET 5**

**UNIT 5: THE BIOSPHERE**

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

|  |  |
| --- | --- |
| **Key Term** | **Definition** |
| Genetic Biodiversity |  |
| Species Biodiversity |  |
| Ecosystem Biodiversity |  |
| Ecosystem |  |
| Biome |  |
| Invasive Species |  |
| Nutrient Cycle |  |
| Gersmehl Nutrient Diagram |  |
| Sustainability |  |
| Sustainable Yield |  |
| Conservation |  |
| Total Protection |  |

***Task 2: Explain the differences between the three definitions of biodiversity.*** [T 3]

***Task 3: Describe the THREE factors that influence biodiversity.***  [T 3]

***Task 4: Define the term ‘keystone’ species, and explain how the otter can be regarded as a keystone species.***

[T 4]

***Task 5: Draw a Gersmehl nutrient diagram for a tropical rainforest***  [A 3]

[C 3]

***Task 6: Explain how Maximum Sustainable Yield can be used to plan ‘safe’ resource extraction from TWO named ecosystems that you have studied.***

[T 4]

[A 4]

[C 4]

***Task 7: Define the term ‘invasive’ species, and explain how the cane toad can be regarded as a keystone species.***

[T 4]