Year Twelve Biology Task 8

Extended Response: Case Study

Bio-diversity is important in maintaining a healthy planet. In countries all over the world, areas of land and water are set aside as National Parks or Reserves to protect the wildlife of that region. Often the species in an area are unique and may be at risk or endangered species.

Western Australia has many unique organisms. In this task, you have to present a case study about a National Park or reserve area from Australia (ideally Western Australia).

1. Identify the reasons why the park was created. What species are found there? Are they at risk? Endangered?
2. In your case study, describe the physical environment (abiotic factors). Describe the biotic (living) part of the ecosystem within your nominated area.
3. What are the possible human impacts on the area? How will they affect the living environment?
4. What about the non-human impacts?

In your case study, you may include photographs from internet sources to illustrate you descriptions and observations, but remember to credit the photographer!

The report can be in any format of your choice.

Marking Rubric : (26 marks)

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| Required Content | Limited **1** | Satisfactory **2** | Comprehensive **3** |
| Reasons park was created |  |  |  |
| Species Present |  |  |  |
| Risk/ Endangered |  |  |  |
| Abiotic factors |  |  |  |
| Biotic factors |  |  |  |
| Human Impacts |  |  |  |
| Non-Human Impacts |  |  |  |
| Resources – pictures diagrams etc |  |  |  |
| References |  |  |  |