Gymea Technology High School
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Year 11, Biology

Task 2: Half Yearly Examination

Due Date: Exam Block Week 1 and 2

Task Distributed: 28/03/2024

Unit: Biological Diversity and Ecosystem Dynamics

Task Type: Examination

Task Weighting: 100% of Report

Outcomes: **BIO11/12-1, BIO11/12-2, BIO11/12-3, BIO11/12-4, BIO11/12-5, BIO11/12-6, BIO11/12-7, BIO11-10 and BIO11-11**

Task Description

Student's knowledge, skills and scientific understanding of Ecological Relationships will be assessed, specifically in the topics of Biological Diversity and Ecosystem Dynamics. This will occur within a 1.5 hour examination.

It will consist of:

- **Section 1**: 15 multiple choice
  Students should allow **30 minutes** to complete this section.
- **Sections 2**: 32 marks of short responses (marks indicated per question).
  Students should allow **1 hour** to complete this section.

All working out must be shown to be awarded full marks.

As this is an examination, you will need to prepare for this task by:

- Make summary notes of each area listed below (HINT: the Module PPT will help here)
  - The Effect of Environment on Organisms
  - Adaptations
  - Theory of Evolution by Natural Selection
  - Evidence of Evolution
  - Relationships between biotic and abiotic factors in ecosystems
- Seek teacher assistance on unclear work (Google Classroom or in class)
- Ensure all set work is up to date.

NESA Glossary of Key Words

Understand the verb associated with the task. The verb will provide an understanding of the detail needed to successfully answer the question.

- **Describe**
  Provide characteristics and features

- **Evaluate**
  Make a judgement based on criteria; determine the value of
- **Explain**
  Relate cause and effect; make the relationships between things evident; provide why and/or how

Check the NESA Glossary of Key Words for further guidance https://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/hsc/hsc-student-guide/glossary-keywords

Details of Submission

The Half Yearly Examination will occur in the examination block in Week 1 or 2. You will need a pen, pencil, calculator and a ruler.

Teacher Feedback and Student Self-Reflection

- The task will typically be returned to students within 14 of the due date.
- At this time feedback including information on how to improve will be provided through marked feedback and discussion.
- Students can clarify or seek further feedback by speaker with their teacher or the assessment marker.
- You will also receive feedback on your literacy performance based on the criteria in the school's literacy marking rubric. The marks achieved for literacy will account for between 10% – 20% of the maximum task value.

Upon return of the task, students will also be expected to complete a self-reflection. This will be in the form of a Google Form to identify strengths and weaknesses

How does this link to my learning?

- This task will assess the student's Skills Outcomes which have been developed over the topic
- Through this task student's will be able to see areas in their Chemistry skill set that are strengths and weaknesses.

Assessment Procedures

All students should be fully aware of the School Assessment Procedures for their year group. These were provided at the beginning of the school year and are available off the school website under the Learning Tab for each year group.