**YEAR 12 - Biology Assessment Task**

<table>
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<tr>
<th>Due Date: Thursday 5th December 2019</th>
<th>Assessment Name: Practical Test</th>
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<td>Mark: /43</td>
<td>Weighting: 15%</td>
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**SYLLABUS OUTCOMES TO BE ASSESSED:**
- BIO11/12-3: designs and evaluates investigations in order to obtain primary and secondary data and information
- BIO11/12-4: selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media
- BIO11/12-5: analyses and evaluates primary and secondary data and information
- BIO11/12-6: solves scientific problems using primary and secondary data, critical thinking skills and scientific processes
- BIO11/12-7: communicates scientific understanding using suitable language and terminology for a specific audience or purpose

**DIRECTIVES TO BE ASSESSED:**
- **Evaluates:** Make a judgement based on criteria; determine the value of
- **Processes:** a series of actions or steps taken in order to achieve a particular end
- **Communicates:** share or exchange information, or ideas in various formats.
- **Explores:** inquire into or discuss (a subject) in detail

**TASK DESCRIPTION:**
**Context:**
- **Define** the function of the nitrogenous bases
- **Explain** why transcription and translation occur
- **Discuss** the polypeptide synthesis
- **Provide** detailed information on the amino acids in the polypeptide created

**ASSESSMENT CRITERIA – STUDENT CHECKLIST:** You will be assessed on your ability to:
- **Communicate** the role of mRNA in the synthesis of a polypeptide
- **Demonstrate** understanding of the transcription and translation
- **Explore** the process of determining the names of specific amino acids
- **Reference** all materials.

Check your assessment booklet for the PHS Assessment Policy