

Date Distributed: 28/5/2020

Task Weighting: 20%

Outcomes

- **BIO11/12-2** 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
- **BIO12-12** explains the structures of DNA and analyses the mechanisms of inheritance and how processes of reproduction ensure continuity of species
- **BIO12-13** explains natural genetic change and the use of genetic technologies to induce genetic change
- **BIO12-14** analyses infectious disease in terms of cause, transmission, management and the organism's response, including the human immune system

ASSESSMENT OUTLINE

1. WHAT AREAS OF LEARNING DOES THIS ASSESSMENT ADDRESS?

Student's knowledge, skills and scientific understanding of models, theories and laws which have been developed and applied in Biology will be assessed, specifically in the Modules: Heredity, Genetic Change and Infectious Disease. This will occur as 1 period exam.

2. WHY IS THE COMPLETION OF THIS ASSESSMENT IMPORTANT?

This task will draw together the above outcomes providing students with the opportunity to demonstrate their knowledge, understanding and skills in Biology. This will allow them to gain feedback on areas of strength and limitations in order for their knowledge to be refined. Students will utilise their problem-solving skills to solve HSC style questions.

3. WHAT STEPS DO I TAKE TO COMPLETE THIS TASK?

Task Outline

This task will enable you to practice HSC style questions in a timed 1 period examination. It will consist of;

- 5 Multiple Choice Questions
- Short Answer Questions

Students will need a pen, pencil, calculator and a ruler

4. HOW WILL MARKS BE AWARDED TO MEASURE MY LEARNING?

Marked solutions and feedback will be given to students after the completion of the examination.