



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Science Course: Biology Year: 12

Assessment Task: Task 4 : Trial Examination

Assessment Weighting: 30% Due: Term 3 Week 3 Date: 16/08/2024

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)

BIO11/12-1 develops and evaluates questions and hypotheses for scientific investigation
BIO11/12-2 designs and evaluates investigations in order to obtain primary and secondary data and information
BIO11/12-3 conducts investigations to collect valid and reliable 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

Task Description/Overview

Trial Examination will take place in the hall during the examination block.

Time: 3 hours + 5 minutes reading time

Task Description: Examination will total 100 marks and include 20 multiple choice questions and a range of written responses. Multiple Choice answers to be completed on the separate answer sheet provided. .

Detailed Assessment Task Description

Length of Examination = 3 hours with 5 minutes reading time.

Modules Assessed:

Module 5 Heredity

Module 6 Genetic Change

Module 7 Infectious Diseases

The exam will consist of two sections.
 Section A- 20 Multiple Choice Questions (20 marks)
 Section B- Short and Extended Response Questions (80 marks)
 Both sections will consist of Working Scientifically as well as, Knowledge and Understanding questions.
 Equipment Required:
 Black/Blue pens, Pencils, Ruler, Calculator, Rubber, Sharpener, Highlighters (optional)

Test/Examination Structure	
Section Description	Marks Available
Section 1: Multiple Choice Questions	20
Section 2: Written responses (Short and extended response)	80
Total Marks for this task	100

Satisfactory completion of courses

A course has been satisfactorily completed, when the student has:

- Followed the course developed/endorsed by the NSW Educational Standards Authority (NESA)
- Applied himself/herself with diligence and sustained effort to the set tasks and experiences provided in the course.
- Achieved some or all of the course outcomes