



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Science Course: Preliminary Physics Year: 11

Assessment Task: Task 3: Yearly Examination

Assessment Weighting: 30% Due: Term 3 Week 9- 10 Date: 16/9/24-25/9/24

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)
<p>PH11-1 develops and evaluates questions and hypotheses for scientific investigation</p> <p>PH11-4 selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media</p> <p>PH11-5 analyses and evaluates primary and secondary data and information</p> <p>PH11-6 solves scientific problems using primary and secondary data, critical thinking skills and scientific processes</p> <p>PH11-7 communicates scientific understanding using suitable language and terminology for a specific audience or purpose</p> <p>PH11-8 describes and analyses motion in terms of scalar and vector quantities in two dimensions and makes quantitative measurements and calculations for distance, displacement, speed velocity and acceleration</p> <p>PH11-9 describes and explains events in terms of Newton's Laws of Motion, the law of conservation of momentum and the law of conservation of energy</p> <p>PH11-10 explains and analyses waves and the transfer of energy by sound, light and thermodynamic principles</p> <p>PH11-11 explains and quantitatively analyses electric fields, circuitry and magnetism</p>
Task Description/Overview
Yearly Examination
Detailed Assessment Task Description
<p>The exam will consist of two sections:</p> <p>Section A- 20 Multiple Choice Questions</p> <p>Section B- Short and Extended Response Questions (55 marks)</p> <p>Total- 75 marks.</p> <p>Length of Examination =2 hours with 5 minutes reading time.</p> <p>Topics / Modules Assessed</p> <p>Module 1: Kinematics</p> <p>Module 2: Dynamics</p> <p>Module 3: Waves and Thermodynamics</p> <p>Module 4: Electricity and Magnetism</p> <p>A periodic table and data sheet will be provided</p> <p>Equipment Required:</p> <p>Black/Blue pens, Pencils, Ruler, Calculator, Rubber, Sharpener, Highlighters (optional)</p>

Test/Examination Structure	
Section Description	Marks Available
Section 1: Multiple Choice Questions	20
Section 2: Short and extended response questions	55
Total Marks for this task	75

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