Semester Two, 2017

Year 10

**Structure of the Exam Paper:**

**Time**- Reading time: 5 minutes

Working time: 55 minutes

**Questions:** 15Multiple Choice ,

8 Short Answer (Choose from 16 available dependent on module completion)

2 Extended Answers (1 compulsory, 1 choice from four questions dependent

on module)

**Study Hints:**

The exam is designed to provide you with the opportunity to demonstrate what you have learnt in Science. Therefore, it will ask you to demonstrate skills and explain concepts and understandings we have already studied this year.

**Content:**

Chemistry: Atoms, Elements and Compounds, Periodic Table

Genetics: Definition of terms, DNA and its structure, mitosis and meiosis

Physics: Definitions, Calculations etc Law of Conservation of Energy, Potential and Kinetic Energy, Displacement and Distance, Speed, Velocity and Acceleration, Force, Newton’s Laws

Evolution: Definitions, Evolution and Types, Natural Selection, Evidence for Evolution, Diagrams

Sports Science: Cardiovascular system and endurance, skeletal system

Forensics: Exchange Theory, Contact traces, Blood, Eye witness Basics, Crime scene basics

Cosmetic Science: Hair and Shampoo