11 Earth and Environmental Science

Yearly Examination 2023

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| **TOPIC**: Yearly Examination | **MARKS:** /75 |
| **SUBMISSION REQUIREMENTS:**  As per preliminary exam timetable | **WEIGHTING:**  35% |
| **OUTCOMES TO BE ASSESSED:**  EES 11-7 **Communicates** scientific understanding using suitable language and terminology for a specific audience or purpose  EES 11-8 **describes** the key features of the Earth’s systems, including the geosphere, atmosphere, hydrosphere and biosphere and how they are interrelated  EES 11-9 **describes** the evidence for the theory of plate tectonics and the energy and geological changes that occur at plate boundaries  EES 11-10 **describes** the factors that influence how energy is transferred and transformed in the Earth’s systems  EES 11-11 **describes** human impact on the Earth in relation to hydrological processes, geological processes and biological changes | |
| **DIRECTIONAL VERBS:**  **Communicate:** scientific understanding succinctly, logically, and consistently using correct and precise scientific terms and application of nomenclature in a variety of formats and wide range of contexts  **Describe:** Provide characteristics and features | |
| **TASK DESCRIPTION:**  Students are to complete a written examination based on Module 1 (Earth’s Resources), Module 2 (Plate Tectonics), Module 3 (Energy Transformations) and Module 4 (Human Impacts). The examination will be set out as follows:  Duration: 2 hours  Total marks: 75  Examination consists of the following components:   * 20 multiple choice questions from across each of the four modules (20 marks) – worth 1 mark each * Short and extended responses across each of the four modules (55marks)   Students will answer questions as instructed on the examination paper. | |
| **ASSESSMENT CRITERIA:**  Students are encouraged to complete regular revision in the lead up to this assessment task, this includes utilising CANVAS resources and activities and reviewing student notes and the text.  Students will be assessed in accordance with the allocated mark(s) for each question. The marking  criteria and extensive feedback will be provided to all students on the return of their examination  paper. | |