MIDTERM EXAM
Outcomes & Short Answer Questions to Consider

This is NOT an exhaustive list! These are just a few question or topics from each unit to better prepare you for "possible" questions.

Other topics or questions are also quite likely. Be sure to review your course notes, textbook readings as well as the online resources when preparing for this exam.

Unit 1

- Movement of a glacier (**EVIDENCE that shows**…)
- How CONVECTION CURRENTS of magma are formed and **cause** tensional or compressional forces (as well as causing different landforms to occur)
- Explain the process of how an irregular **emerging coastline** would be straightened out. (hydraulic action, abrasion etc., forming of caves, arches and stacks etc., etc..)
- Explain the process of how an irregular **submerging** coastline would be straightened out. (longshore drift, ocean currents, moving sand forming bay bars, beaches and spits, etc., etc..)
- How humans are **AFFECTED BY** and **RESPOND TO** hazards posed by selected landforms and water forms.
- How humans **ADAPT to landforms and water forms**.
- Others……..

Unit 2

- Prevailing Winds with coriolis force and wind names
- Land and Sea Breezes
- 3 types of precipitation (frontal, orographic and convectional) Use diagrams, labels, terms and arrows to explain.
- Explain the greenhouse effect (good or bad) and how it moderates temperature

- Summer and winter monsoons (seasonal WINDS) and **how they are created** by pressure and temperature differences of water and land.
- How humans are **impacted by, adapt to and respond** to various climatic conditions
- How **humans affect climatic conditions**.
- Others….

Unit 3

- Explain how pesticides can **amplify** in a food chain and cause toxic problems in higher order consumers.
- + / - impacts of **introducing or removing** a species from an ecosystem .
- Explain the **flow and usage /loss etc. of energy** in a food chain.
- Explain using examples/diagram **why there are fewer organisms available at higher trophic levels.**
- **Adaptations and climax vegetation** common to various ecosystems and conditions which cause them.
- Analyze **processes that affect soil quality**. Accumulation of humus, leaching, eluviation etc…and what causes each/ which is good, which is bad.
- Others……..