

## **I. Bathymetry (111-133)**

**A. Define:** *Abyssal hill, abyssal plain, active margin, bathymetry, continental margin, continental rise, continental shelf, continental slope, Deep-ocean basin, Echo sounder, fracture zone, hydrothermal vent, island arc, island trench, Mid-ocean ridges, ocean trench, rift valley, seamount (volcano), sonar, submarine canyon, sounding, transform fault, volcanic arc*

**B. Identify the technology used to map the ocean floor.**

**1. Describe the effects of new technology on the development of bathymetry.**

- a. Sounding
- b. Echo sounders
- c. Precision Depth Recorders
- d. Sea Beam

**C. Describe the major provinces of the ocean floor.**

**1. Summarize the characteristics and the features of the continental margins**

- e. Continental Shelf
- f. Continental Slope
- g. Continental Rise
- h. Submarine Canyons

**2. Summarize the characteristics and the features of the Deep-Ocean Basins**

- i. Abyssal Plains
- j. Seamounts
- k. Seaknolls

**3. Summarize the characteristics and the features of the Mid-Ocean Ridge**

- l. Hydrothermal Vents
- m. Oceanic Ridges and Oceanic Rises
- n. Fracture Zones
- o. Transform Faults