# Intro to Oceanography

CEO103 Exam 1 Study Guide | Chapters 1-4

50 Questions 33% MCQ 33% True False 33% Diagram

#### Chapter 1: Intro to Planet Earth

- 1: What is a habitat?
  - place an organism (or biological population) lives
- 2: What percentage of the total amount of surface water on Earth is due to the world Ocean?
  - 7196
- 3: List the five principal oceans
  - Pacific
  - Atlantic
  - Indian
  - Southern
  - Airctic
- 4: Which is the largest Ocean on Earth?
  - Pacific but it is shrinking and the Atlantic is growing
- 5: How does the size of the Atlantic compare to the Pacific? Compare average depth
  - The Atlantic is smaller and shallower than the Pacific
- 6: How does the Arctic compare to other oceans? In which hemisphere is it located?
  - The Arctic is the smallest and shallowest
  - Northern Hemisphere
- 7: If you were to put Everest (tallest peak on Earth) in the Mariana Trench (deepest in the Ocean) would it fit? What does this say about ocean floor features?
  - Yes, the Mariana Trerich is more deep (11km) than Everest is tall (8.8km)
  - The ocean includes extreme variations in topography
- 8: What was the original motivation of the ancient people to go out and explore the Oceans/Seas?
  - Trade opportunities, new resources
- 9: Who made the most discoveries of the Mediterranean Sea? How about North America?
  - Mediterranean: Arabs
  - N America: Vikings
- 10: Who was the first sailor to circumnavigate the globe?
  - Magellan; but he died before the trip was completed
- 11: Who was the first ocean explorer who aimed to map the Ocean for scientific reasons?
  - James Cook: First to explore for science, cartographer

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