

Chapter 17 The History of Life

Vocabulary Review

Multiple Choice *In the space provided, write the letter of the answer that best completes each sentence.*

- _____ 1. Index fossils are used in the type of dating called
 - a. radioactive dating.
 - b. periodic dating.
 - c. relative dating.
 - d. absolute dating.
- _____ 2. Oxygen was added to Earth's atmosphere by the process of
 - a. macroevolution.
 - b. endosymbiosis.
 - c. coevolution.
 - d. photosynthesis.
- _____ 3. Sexual reproduction evolved before the evolution of
 - a. multicellular organisms.
 - b. photosynthetic bacteria.
 - c. eukaryotes.
 - d. the earliest life forms.
- _____ 4. The Age of Mammals occurred during the
 - a. Mesozoic Era.
 - b. Paleozoic Era.
 - c. Cenozoic Era.
 - d. Precambrian.
- _____ 5. Dinosaurs were dominant during the
 - a. Precambrian.
 - b. Mesozoic Era.
 - c. Paleozoic Era.
 - d. Cenozoic Era.

Writing Descriptions *Describe each pattern of macroevolution.*

- 6. coevolution _____

- 7. convergent evolution _____

- 8. mass extinction _____

- 9. punctuated equilibrium _____

- 10. adaptive radiation _____

