

The Rock and Fossil Record Unit (Chapter 7)

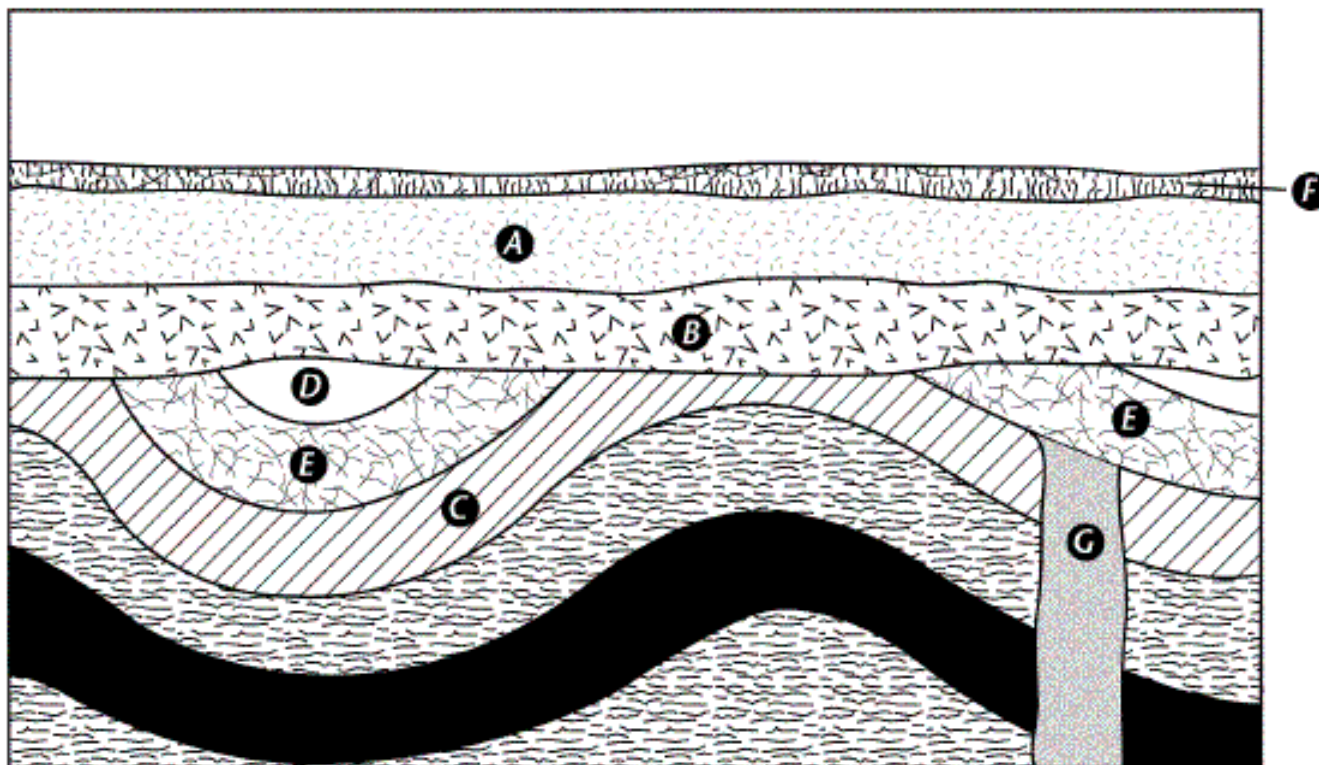
Study Guide Answers

1. superposition
2. the top
3. the bottom
4. unconformities
5. a break in the Earth's crust
6. index fossils
7. Preserved remains of organisms that lived in the past
8. sedimentary rock
9. freezing temperatures
10. petrified wood
11. hardened tree sap
12. preserved footprints
13. how big the animal was
14. mold
15. how life has changed
16. the rocks on the mountaintop were once below ocean's surface

17. the shells or bones
18. most organisms never become fossils
19. its age compared with the age of other rocks
20. always younger
21. to determine the absolute age of a rock
22. break down to form atoms of another element
23. geologic time scale
24. era
25. oxygen
26. extinction
27. period
28. in the sea
29. hot, dry desert climate
30. a series of ice ages followed by warmer periods
31. Mesozoic
32. Cenozoic
33. Paleozoic

- 34. Mesozoic
- 35. Cenozoic
- 36. the factor that changes or is being tested
- 37. what you measure
- 38. the group without the independent variable
- 39. factors held constant
- 40. A. how flavorful the chocolate is
 - B. the chocolate substitute
 - C. Group 1 that got the regular chocolate
 - D. equal amounts of men and women

Rock Layers



41. B is older

42. layer C because igneous rock is too hot and would destroy any fossils.

43. an unconformity

44. G is younger than C

45. an intrusion