**Biology – Evolution Unit**

**Chapter 17.1**

**Pages 394 – 401**

|  |  |
| --- | --- |
| ***Unit 5 – Change Through Time***What does the text say about whales, sharks, katydids, and butterflies? |  |
| ***The History of Life:***When did the Universe begin? |  |
| **Sec. 17.1 – The Record of Life*****Early History of Earth***How old is Earth thought to be?What were early conditions on Earth like?How did oceans form? |  |
| ***A History in the Rocks:***How old are the oldest rocks on Earth?***Fossils – Clues to the past***What is a fossil?Look at figure 17.2. What does it show? |  |
| ***Paleontologists – Detectives to the past:*****Assertion –** **Evidence – Give 3 examples from the text book to support the assertion.*****Fossils occur in sedimentary rocks:*****Assertion –****Evidence - Give 3 examples from the text book to support the assertion.****Look at Figure 17.4 – What does the Figure show?** | **Fossils are used to understand events that happened long ago**1.2.3.For fossils to form, organisms usually have to be buried in sediments soon after they die.1.2.3. |
| **Assertion *- Dating methods give the approximate ages of fossils*****Evidence - Give 3 examples from the text book to support the assertion****Look at Figure 17.5 – What does the Figure show? (Include the phrase “law of superposition”)** | 1.2.3. |