**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. |