Darwinian Evolution:

1. Review:

<table>
<thead>
<tr>
<th>Time</th>
<th>Person/People</th>
<th>Idea on Species Changing</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 BC to 1700's</td>
<td></td>
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<tr>
<td>Early 1800's</td>
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<tr>
<td>1858</td>
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2. What are vestigial traits? Give several examples. Why are these evidence supporting the theory of evolution?

   1. 

3. How is the development of antibiotic resistance an example of evolution?

   1. 

4. Define and provide examples that describe the following homologies: genetic, developmental and structural.

   1. Genetic homology:

      1. Ex:

   2. Developmental homology:

      1. Ex:
3. Structural homology:
   1. Ex:

5. What are the 4 observations/postulates Darwin made that supported natural selection as the mechanism of evolution?
   1. 
   2. 
   3. 
   4. 

6. Selection acts on ______________; Evolutions acts on ______________.

7. What is internal consistency? What internal consistency is in the evolution of Cetaceans?
   1. Internal consistency:
   2. 

8. Test Darwin’s four postulates using Tuberculosis and its drug resistant strains.
   1. 
   2. 
   3. 
   4. 