

1. Define the following vocabulary terms in relation to Chp 10:
 - a. Natural Selection
 - b. Evolution
 - c. Species
 - d. Fossil
 - e. Adaptation
 - f. Variation
 - g. Over-Production
 - h. Competition
 - i. Survival of the Fittest
 - j. Homologous Structures
 - k. Analogous Structures
 - l. Vestigial Structures
 - m. Descent with Modification

2. Explain how a new species of rabbit might arise, starting from an existing species living in a forest with a small stream.

9. A species of bird lives in a forest environment. Explain how natural selection could act on that species over time.

10. List 15 organisms, and give **two** adaptations of each.

a.

b.

c.

d.

e.

f.

g.

h.

i.

j.

k.

l.

m.

n.

o.

11. Using the components of the process of speciation, devise a scenario in which the human race could become two separate species (at least 1 full paragraph!)

12. Describe how DNA and genetics play a part in natural selection and evolution.