LEAVES ASSIGNMENT

**Task:** Use the powerpoints covered in class and the notes provided to answer the following questions no a separate piece of paper. When finished answering the questions completed the activity **A)** and **B)**  outlined below.

1. How does a leaf manufacture food for the plant? **1 point**
2. Describe the two types of root systems in plants. **2 points**
3. What are the four function of the roots of a plant? **4 points**
4. What are Margins? **1 point**
5. What are the “petiole” & the “leaf blade”? **2 points**
6. What is a plant’s process for manufacturing food referred to as? Include the word equation for this process. **2 points**
7. What is the cuticle, epidermis, palisade cells, spongy layer, & chloroplast? **5 points**
8. Leaf Classification

Cut out the various leaves on the following page. Using the leaf chart provided, arrange these leaves by shape. If any leaves that do not fit one of the particular shapes listed, see if you can classify them by margin. Glue them on white paper making your poster neat, clear, organized and colourful. Be sure to label your groups so it is clear how they are organized.

B) Leaf Coloring

Color & classify the leaves attached according to shape & margin. You do not have to cut these 9 leaves out unless you want to for organization. They do have to be clearly labeled and classified by shape **and** margin. You can do this by marking on them and colouring around the labels or by creating a key. This will be marked out of 9pts.