

**Senior 2 BIOLOGY WORK: 15/5/2020**

**TOPIC AREA: EXTERNAL FEATURES AND  
INTERNAL STRUCTURES OF FLOWERING  
PLANTS**

1. What is a vascular bundle?
2. All leaves carry out the following functions;  
Photosynthesis, Gaseous exchange, transpiration,  
ventilation, excretion. Write brief notes on each of  
these functions.
3. Briefly explain any five special functions of leaves
4. Draw and label ;
  - a) External structure of a dicotyledonous leaf
  - b) Structure of transverse section of a leaf showing its  
internal parts