Q1. Fill in the blanks:

1. The _______________ is a coiled structure that helps a plant to climb.
2. The part that stores food in an onion bulb is _______________.
3. The process of _______________ helps in regulating temperature in the plant.
4. Roots fix the plant to soil and absorb _______________ and _______________ from it.
5. Green plants manufacture their food due to the presence of a pigment called _______________.
6. _______________ are thin lines arising from the midrib.

Q2. Name the following:

1. Part of the plant beneath the ground._______________________
2. Broad flat part of a leaf._______________________
3. Process of transfer of pollen grains from the anther to the stigma._______________________
4. They attract pollinators._______________________
5. Modified leaves in cactus._______________________
6. The pores in a leaf to facilitate exchange of gases._______________________

Q3. Choose the correct option:

1. A herb has a ____________ stem.
   a) Soft, green  
   b) Soft, woody  
   c) hard, woody  
   d) hard, green
2. The kind of root that prevent the long branches of plant from falling over, is the__________
   a) Nodule  
   b) Clasping root  
   c) prop root  
   d) tap root
3. Leaves in cactus helps in
   a) protection  c) photosynthesis
   b) checking transpiration  d) both a & c

4. Which of the following has fibrous root system?
   a) Grass  c) maize
   b) Rice  d) all of these

5. ___________ is the female reproductive part of the flower?
   a) Anther  c) Filament
   b) Pistil  d) Stamen

6. It is the biggest herb.
   a) Grass  c) Tulsi
   b) Banana  d) Banyan

Q4. Draw a neat diagram of a complete flower. Name and label the part that:

   a) attach the flower to the branch or the stem:

   b) protects the flower in bud stage:

   c) are generally coloured:

   d) contains pollen grains:

   e) part of a flower that later converts into fruit:

   f) bead like structures inside the ovary: