

Doon Public School

Sector-21, Panchkula

Assignment – 1

Subject: Biology

Class: XI

Date: 07-08-2018

Answer the following questions.

1. Draw a labeled diagram to show the different regions of a root.
2. What are pneumatophores? How do they help the plant?
3. Write three similarities and three differences between the ovaries of Solanaceae and Liliaceae.
4. Draw a neat labeled diagram of the vertical section of a maize grain.
Why can we not use the term seed for maize grain?
5. Draw the floral diagram of Liliaceae and write its floral formula.
6. What is pericarp? Name its three different regions in a fleshy fruit.
7. Why are the stamens of brinjal called epipetalous and lily, called epiphyllous?
8. What is pulvinus? Give an example of a plant that has pulvinus.
9. What is meant by modification of root? Explain it with the help of different examples.
10. Give the floral formula and diagram of Solanum nigrum plant.