

Chapter 07

DIVERSITY IN LIVING ORGANISMS

ANGIOSPERMS:

Also known as flower – bearing plants.

- ❖ Later on flower becomes fruit.
- ❖ Seeds are inside the fruit.
- ❖ Embryos in seeds have structure called cotyledons.
- ❖ Angiosperms are further divided on the basis of number of cotyledons into two parts.
 - i. Monocots
 - ii. Dicots

Difference Between Monocots & Dicots:

Features	Monocots	Dicots
Seed	Only cotyledon.	Two cotyledons.
Root	Fibrous root.	Prominent primary root.
Stem	False or hallow.	Strong.
Leaf	Parallel venation.	Reticulate venation.
Flower	Five or multiple of five.	Three or multiple of three.
Examples	Potato, Sunflower, Peanuts, Beans, Mango etc..	Banyan, Wheat etc..