

1. Development of male gametophyte is Endosporic. (occurs inside the microspore)
2. It involves one Meiosis and Two mitotic divisions.
3. Pollen grain divide mitotically into two unequal cell.
4. The smaller cell is called generative cell and larger cell is called as vegetative
5. Generative cell floats in the cytoplasm of vegetative cell.
6. Generative cell divides by mitosis and form two haploid, non-motile male gametes.

■ Female Reproductive Floral Whorl:-

1. Female reproductive whorl of flower is gynoecium (Pistil).
2. Individual member of gynoecium is called Carpel (Megasporophyll).
3. A flower with many, free carpels is called Apocarpous (e.g. Michelia).
4. A syncarpous flower is one that has many carpels fused together (e.g. Brinjal).

1. Uniovulate e.g. paddy, wheat and mango

2. Multiovulate. E.g. tomato and lady's finger