

Write answers of these questions: —

Q.1 Differentiate between microsporogenesis & megasporogenesis. Which type of cell division occurs during these events? Name the structures formed at the end of these two events.

Q.2. With a neat, labelled diagram, describe the parts of a typical angiosperm ovule.

Q.3. With a neat diagram explain the 7-celled, 8-nucleated nature of the female gametophyte.

Q.4. What are chasmogamous flowers? Can cross-pollination occur in these flowers.

Q.5. What is triple fusion? Where and how does it take place? Name the nuclei involved in triple fusion. (Double Fertilization)

Q.6. Define emasculation. When & why does a plant breeder employ this technique?

Q.7. Differentiate between: —

- hypocotyl & epicotyl.
- coleoptile & coleorrhiza.
- integuments & testa
- perisperm & pericarp.