

Homework

1. A _____ fuses with a _____ in generative fertilization

ans - (c) male gamete, female gamete

2. Which of the statements is incorrect?

ans - (d) All of the above

3. In a list of organisms given below which is reproduced by asexual method?

ans - (B) Yeast

4. Offsprings formed by asexual method of reproduction have greater similarity among themselves because

ans - (b) Asexual reproduction does not involve gametes

5. The correct sequence of reproductive stages seen in flowering plants is _____.

ans - (a) Gamete, zygote, embryo, seedling

Q. The number of chromosomes present in Laurents & offspring of a particular species, due to _____.

ans - (b) Halving of chromosomes during gamete formation

7. In rhizopus tubular structure bearing sporangia at their tips are called _____.

ans - (d) Hyphae

8. Length of the pollen ^{tube} grain depends upon the distance between _____.

ans - (b) Pollen grain on upper surface of stigma and ovule.

9. The ability of cell to divide into several cells during reproduction in plasmodium is called _____.

ans - (c) Multiple fission

10. Asexual reproduction takes place through budding in _____.

ans - (b) yeast

119 The anther contains _____
ans - (d) Pollen

129 The triploid nucleus formed is called _____.

ans - (d) endosperm

139 synergemes are

ans - (d) Fusion of egg cell & male gamete in flowering plants.

148 Which of the following statements are true for flowers?

ans - (d) ~~After fertilization the eggs~~
(b) They are sexual reproductive organ

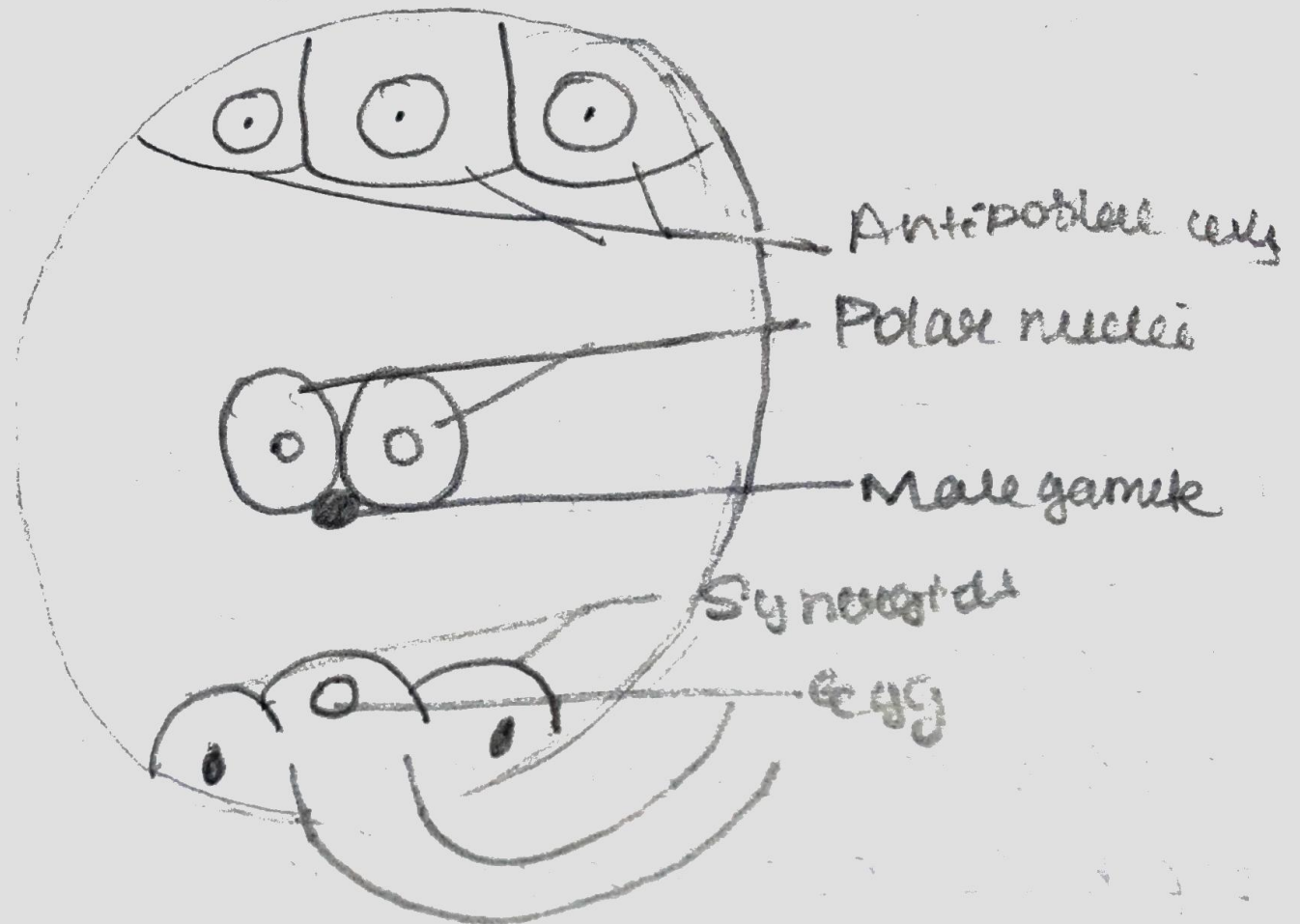
157 Which among the following statements are false for unisexual flowers?

ans - (a) They always possess stamen & pistil

Short answer type

109 why does the period of development of embryo is longer in case of multicellular organism?

ans The period of development of embryo is longer in case of multicellular organism because in case of multicellular organisms the embryo undergoes multiple cell divisions to form various complex organs and further organ systems to support the life of the organism. whereas in contrast, unicellular organisms usually undergo asexual reproduction which lead to formation of many daughter cells which further don't undergo cell divisions.



Embryo Sac of Plants