1) A male gamete fuses with a female gamete in generative fertilization.

2) Which of the statement is incorrect?
   i) The filiform apparatus blocks the entry of pollen & sperm cells.
   ii) The secondary nuclei form a polar nucleus prior to fertilization.
   iii) Endosperm is a part of the caspel
   iv) All of the above are incorrect.

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

4) Offsprings formed by sexual method of reproduction have greater similarity among themselves because Asexual reproduction doesn't involve gametes.

5) The correct sequence of reproductive stages seen in flowering plants is
   a) Gamete, zygote, embryo, seedling.

6) The no. of chromosomes present in parent and offspring remains constant due to
b) halving of ~~gam~~ chromosomes during gamete formation.

7) In rhizopus tubular structure bearing sporangia at their tips are called hyphae

8) Length of the pollen ~~grain~~ tube depends upon the distance between
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 Multiple fission.

10) The anther contains pollens.

11) Asexual reproduction takes place through budding in yeast.

12) The triploid nucleus formed is called endosperm.

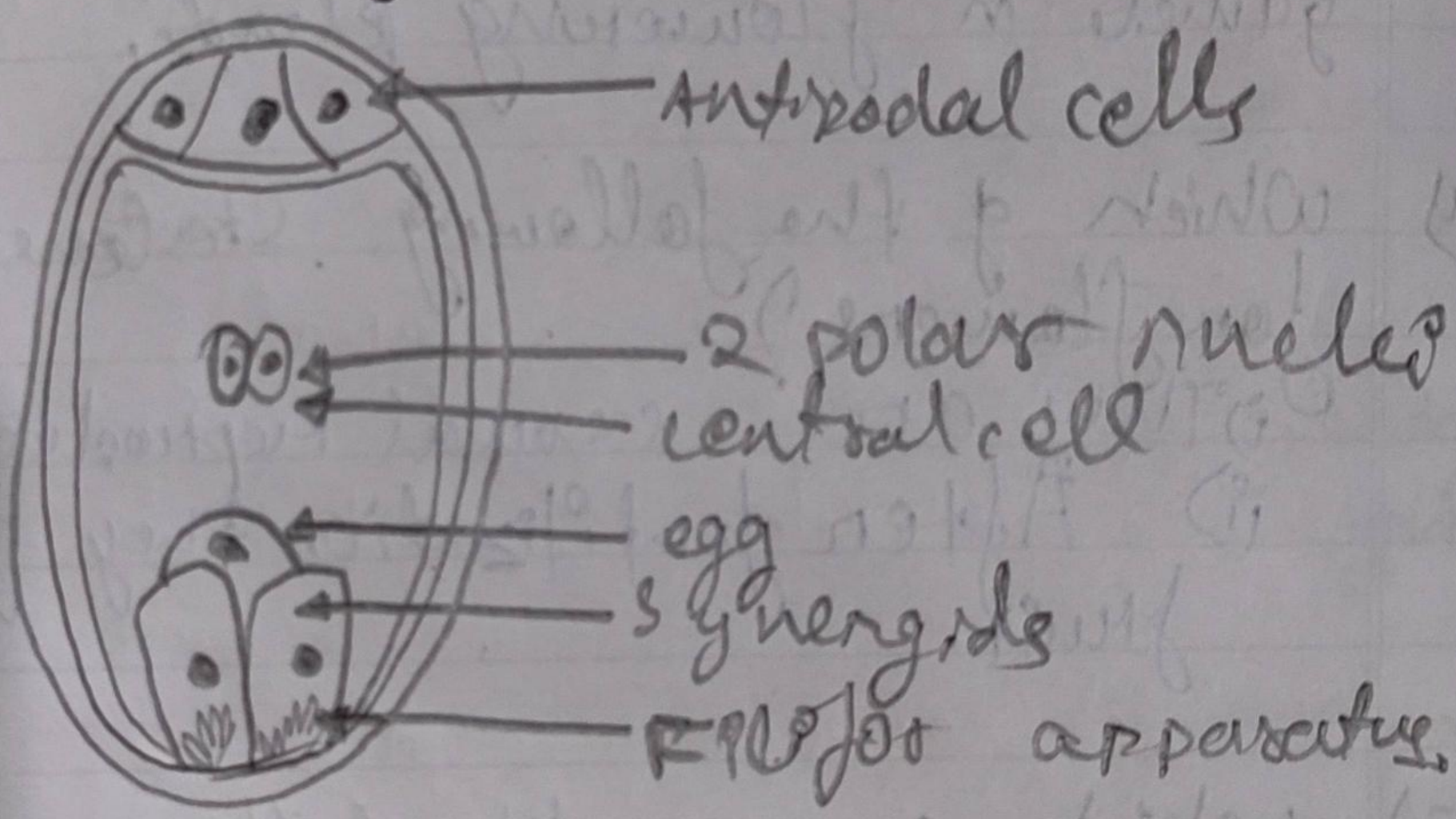
18) Syngamy is fusion of egg cell & male gamete in flowering plants.

14) Which of the following statements are true for flowers?
i) They are sexual reproductive organs
ii) After fertilization they give rise to fruit.

15) Which among the following statements are false for unisexual flowers?
- they possess either stamen or pistil
- they show cross pollination.
- Unisexual flowers possessing only stamens cannot produce fruits.

16) Why does the period of development of embryo is longer in case of multicellular organisms.
In case multicellular organisms more no. of cells, tissues, germinal layers are to be developed that will eventually take more time in comparision to the single celled unicellular organisms.

(a) Draw the diagram of an embryo sac of plants.



embryo sac.