

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

(2) Which of the statements is incorrect

(a) The filiform apparatus blocks the entry of the pollen and sperm cell

(b) The secondary nuclei form a polar nucleus prior to fertilization

(c) Androecium is a part of the corolla

(d) All of the above

(e) none of the above

In the list of organisms given below which is reproduced by asexual method

(a) Banana

(b) Yeast

(c) Dog

(d) Lion

offspring) formed by asexual method of reproduction have greater similarity among themselves because Asexual reproduction does not involve gametes

The correct sequence of reproductive stage seen following plants is Gametes, Zygote embryo, seedling

The number of chromosomes present in parent and offspring of a particular species remain constant due to having of chromosome, during gamete formation

In rhizopus tubular structure bearing spongia at their tips are called Hyphae

8 length of the pollen grain depends upon the distance between pollen grain on upper surface of stigma and ovule

9 The ability of cell to divide into several cell during reproduction in prokaryotes is called multiple fission

10 Asexual reproduction take place through budding in yeast

11) The anther contains pollens

(12) The triplaid nucleus formed is called endosperm.

(13) Syngamy is fusion of male gamete and egg cell in following plants.

(14) Which of the following statements are true for flower?

- (A) They are sexual reproductive organ,
- (D) After fertilization they give rise to fruit.

(15) Which among the following statements are false for unisexual flower?

They always possess stamen and pistil.

(16) Why does the period of development of embryo is longer in case of multicellular organism?



\* Sexual reproduction leads to genetic variation in new generation of offspring and

The reason why the formation of embryo takes time

\* Each embryo starts development as a zygote, a single cell resulting from the fusion of

gametes. The single cell goes to ~~to~~ rapid cell division forming

nervous system, connective tissue and

organs. ~~To become~~ To become a

Multicellular organism

~~It~~ ~~It~~ from a single cell to <sup>development</sup> a multicellular

organism it takes time.

\* In sexual reproduction there is genetic variation

in each new generation of offspring

