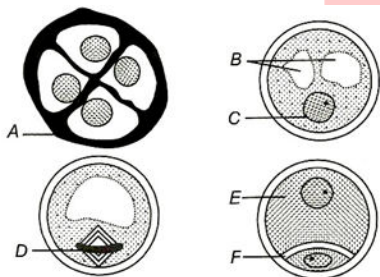


**DPP**  
DAILY PRACTICE PROBLEMSClass : XII<sup>th</sup>  
Date :Subject : BIOLOGY  
DPP No. : 8**Topic :- Sexual Reproduction in Flowering Plants**

1. A seed matures if water content is reduced to ...'A' ..... If the general metabolism ...B.... The embryo enter a state called ... C ... .  
Choose correct option for A,B and C  
a) A-50-60%, B-fast, C-infertile  
b) A-10-15%, B-slow down, C-dormancy  
c) A-35-50%, B-slow down, C-development  
d) A-35-60%, B-fast, C-Embryogenesis
2. What will be the gametic chromosome number of a cell, if somatic cell have 40 chromosomes?  
a) 10  
b) 20  
c) 30  
d) 40
3. Stem cutting are commonly used for the propagation of  
a) Banana  
b) Rose  
c) Mango  
d) Cotton
4. The fertilization in which male gametes are carried through pollen tube, is known as  
a) Syngamy  
b) Porogamy  
c) Siphonogamy  
d) Chalazogamy
5. If endosperm has 36 number of chromosomes then find out the chromosome number of male and female gamete  
a) 18, 18  
b) 17, 18  
c) 20, 20  
d) 12, 12
6. For the formation of tetrasporic embryo sac, how many megaspore mother cells are required?  
a) 1  
b) 2  
c) 3  
d) 4
7. The phenomenon in which, anther and stigma grow and mature at same time is called  
a) Homogamy  
b) Syngamy  
c) Allogamy  
d) Fusion
8. Emasculation is not required in  
a) Unisexual flower  
b) Bisexual flower  
c) Dioecious flower  
d) Both (a) and (c)
9. Testa of a seed is produced from  
a) Ovary wall  
b) Hilum  
c) Outer integument of ovule  
d) Funicle
10. Thalamus contributes in the fruit formation in  
a) Apple  
b) Strawberry  
c) Cashewnut  
d) All of these

11. Most oldest viable seed is of  
 a) Lupine  
 b) *Ficus*  
 c) Date palm  
 d) Phoenix
12. Which one of the following was observed for the first time by Treub?  
 a) Entry of the pollen tube into the ovule through the micropyle in *ottetia*  
 b) Entry of the pollen tube into the ovule through the chalaza in *casuarina*  
 c) Entry of the pollen tube into the ovule through the integuments  
 d) Formation of many pollen tube into the ovule through the grain in *hibiscus*
13. If male plant have genotypes =  $S_A S_B$  and female plant have genotypes =  $S_C S_B$ . Then the result would be  
 a) All of the pollen will germinate  
 b) All pollen will die  
 c) Fertilization doesn't occur  
 d) Half pollen die and half will germinates on stigma
14. Self incompatibility is  
 a) For encouraging self-fertilisation pollination  
 b) Genetic method for preventniig self-pollination  
 c) Both (a) and (d)  
 d) Found in unisexual flower

15. Identify the structures marked A to F in the given diagram



- a) A-Asymmetric nucleus, B-Nucleus, C-Generative cell, D-Vegetative cell, E-Pollen, F-Pollen tetrad  
 b) A- Pollen tetrad , B- Pollen, C-Generative cell, D- Vegetative cell, E-Asymmetric spindle, F-Nucleus  
 c) A-Pollen tetrad, B-Vacuole, C-Nucleus, D- Asymmetric spindle, E-Vegetative cell, F- Generative cell  
 d) A-Vacuole, B-Nucleus, C-Pollen tetrad, D- Vegetative cell, E-Asymmetric spindle, F- Generative cell
16. In embryo sac,  $n$ ,  $2n$ ,  $3n$ , conditions are found respectively in  
 a) Egg, antipodal, endosperm  
 b) Nucleus, endosperm, egg  
 c) Antipodal, zygote, endosperm  
 d) Endosperm, nucleus, egg
17. Which one of the following is resistant to enzyme action?  
 a) Cork  
 b) Wood fibre  
 c) Pollen exine  
 d) Leaf cuticle

