

DON BOSCO SCHOOL, RANCHI

18th April, 2020

Home Task 1 (Chapter 2: - Sexual Reproduction in Flowering Plants)

SUBJECT:- BIOLOGY (CLASS XII)

Teacher :- Preet Prakash

Note:- Read the chapter carefully and answer the following questions. Kindly utilize your “Biology” class work copy to write down your answers. Make sure that you are consistent in doing your work as it will be evaluated as soon as the school re-opens. Use your pencil while drawing a diagram if required.

Q1. Draw a well labeled diagram of a flower showing its essential parts. Explain each part in detail.

Q2. Write short note on “Male gametophyte”.

Q3. Draw and explain in detail *the structure of microsporangium (pollen sac)*.

Q4. State any two function of *tapetum*.

Q5. Differentiate between *complete flower* and *incomplete flower*.

Q6. Define :

- I. Microspores*
- II. Microsporogenesis*
- III. Sporopollenin*
- IV. Sporulation*
- V. Actinomorphic flower*

Q7. What are *pollen grains*? Draw and explain *the structure of pollen grains*.