

Home Task 2 (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. Differentiate between vegetative cell and generative cell of pollen grain.

Q2. What is the other name for Female Gametophyte?

Q3. Draw and explain the structure of megasporangium (ovule).

Q4. What do you understand by megasporogenesis? Describe briefly.

Q5. Give a detailed account on the "*Development of female gametophyte*".

Q6. Define Pollination. What are the various types of pollination.

Q7. Differentiate between cleistogamous flower and chasmogamous flower by giving an example of each.

Q8. Define :

- i. Autogamy
- ii. Geitogamy
- iii. Xenogamy