

Home Task 4 (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. Define Apomixis. Give at least 2 benefits of apomixes.
- Q2. Why fertilization in angiosperms termed as double fertilization?
- Q3. What is an Endosperm? Explain the various types of endosperm with a diagram of each,
- Q4. Differentiate between Albuminous and Non-Albuminous seeds.
- Q5. Define the following:
- a) Parthenocarpy
 - b) False fruit
 - c) Microsporogenesis
- Q6. Draw a well labeled diagram to show the various layers of the fruit.
- Q7. Draw a labeled diagram on VS of an *ovule* before fertilization.
- Q8. What do you understand by Polyembryony? Who discovered it?