

**GIRLS' HIGH SCHOOL AND COLLEGE- PRAYAGRAJ**

**SESSION - 2020-2021**

**CLASS 9-A,B,C,D,E**

**SUBJECT-BIOLOGY**

**ASSIGNMENT-2**

**INSTRUCTIONS FOR THE E-LEARN ASSIGNMENT-**The parents to ensure that their ward watches the video instructions for this assignment by clicking on the given link <https://youtu.be/osu4u3t6G3s>. She should revise the lesson given in the book and then work on the assignment. The completed assignment is to be downloaded and filed/pasted in the subject file/copy and kept ready for submission. The day, date and procedure of submission shall be notified later.

**CHAPTER-4 - POLLINATION AND FERTILISATION**

**Q1) Define the following terms.**

- a) Fertilisation
- b) Autogamy
- c) Allogamy
- d) Geitonogamy
- e) Self sterility

**Q2 )Differentiate between the following.**

- a) Self Pollination and Cross Pollination
- b) Protandry and Protogyny
- c) Ornithophily and Zoophily
- d) Heterostyly and Herkogamy

**Q3) Answer the following questions in short.**

- a) Write two disadvantages of self pollination .
- b) What happens to the following after fertilisation ?
  - (1) Ovary
  - (2) Ovule
  - (3) Petals
  - (4) Sepals
- c) Mention two ways in flowers which favour cross pollination.

**Q4 ) Answer the following questions in detail .**

- a) (i) What is pollination?
  - (ii) Mention its types and give two advantages of each type of pollination.
- b) Give two differences between insect pollinated and wind pollinated flowers ?
- c) What is double fertilisation?
- d) How are flowers adapted for self pollination?

**Q5) Draw a labelled diagram to show fertilisation in a flowering plant .**

**THE END**