11. What is mellitophily?

12. What is back cross?

13. Define gene mapping.

III. Answer any 2 questions:

15. Draw and label the monocot seed - Oryza sativa.

16. Write any three reasons for Mendel's successes in his breeding experiment.

17. Define Crossing over.

IV. Answer any one of the following:

 $1 \times 5 = 5$

18. a) With a suitable diagram explain the structure of an Ovlule.

b) Write the significance of Ploidy.