

National Institute of Open Schooling
Senior Secondary -Biology
Lesson 19: Reproduction in Plants
Worksheet -19

1. Define Reproduction. State the difference between sexual and asexual reproduction.
Mention and explain different types of asexual reproduction in unicellular organism?
2. Differentiate between microsporogenesis and megasporogenesis
3. What is Apomixis? What is its importance?
4. Draw a well labeled diagram of L.S of Ovule.
5. What is Triple Fusion? Where does it occur?
6. Anther is four sided structure consisting of four-
 - i. Microsporangia
 - ii. Theca
 - iii. Pollen grains
 - iv. Megasporangia
7. What are the different stages of Post-Fertilization in plants?
8. List the important differences between zoospore and zygote.
9. Define self incompatibility? How do self-incompatible plants pollinate?
10. Describe the various types of pollination and their significance?