

17. REPRODUCTION IN PLANTS AND ANIMALS

Learning Objectives

At the end of this lesson the students will be able to:

- ❑ Differentiate vegetative, asexual and sexual reproduction.
- ❑ Describe parts of flower and their functions.
- ❑ Understand the types and modes of pollination and their significance.
- ❑ Understand the process of double fertilization, steps involved in fertilization (syngamy and triple fusion), embryo development, endosperm development and formation of seed.
- ❑ Understand the process of sexual reproduction in human beings.
- ❑ Know the structure of testicular and ovarian cells.
- ❑ Know the structural details of human sperm and ovum.
- ❑ Realize the events of menstrual cycle and fertilization.
- ❑ Gain awareness on reproductive health and strategies.
- ❑ Gain knowledge on personal and social hygiene.