

Biology - 10th Class Biology English Medium Chapter 14 Preparation

Q1. What is androecium?

Ans 1: Third whorl of flower is androecium which is the male reproduction part of flower. Its units are called stamens.

Q2. What is the % age of HIV infected people in Pakistan.

Ans 1: According to UNAIDS estimates, some 70,000 to 80,000 persons, or 0.1 percent of the adult population in Pakistan, are infected with HIV.

Q3. Define sporophyte generation?

Ans 1: In most plants the sporophyte generation is dominant. It is diploid (2N) and produced haploid (1N) Spore by meiosis.

Q4. Difference between thyroid and thyroxin?

Ans 1: Thyroid: The endocrine gland located in front of the trachea secretes hormones thyronin and calcitonin.

Ans 2: Thyroxin: The hormone of the thyroid gland, increase the break down of food and release of energy also responsible for the growth of body.

Q5. What is sexual reproduction?

Ans 1: Sexual reproduction involves the production and fission of gametes special structures produce sperms and egg cells and there are various method in plants for bringing the sperm and egg nuclei together.

Q6. Define parthenocarpy? Give examples.

Ans 1: In some plants, ovaries develop into fruits without the fertilization inside their ovules. This process is known as parthenocarpy and it results in seedless fruits e.g. bananas and seedless varieties of grapes.

Q7. What is calyx? What is its role?

Ans 1: Calyx is the outer most whorl and usually green in colour. Its individual units are called sepals. It protects the inner whorl at bud stage.

Q8. What is cloning?

Ans 1: Cloning is the latest method of vegetative propagation. In this method, identical off spring are produced from a single parent using the parent tissue of vegetative cells.

Q9. What are rhizomes? Give examples

Ans 1: Rhizomes are horizontal underground stems with scale leaves, there are enlarged portion called nodes on rhizome. Buds are produced at nodes. the buds present on the upper surface of rhizomes reproduce by rhizomes.

Q10. Define pollination, name its types.

Ans 1: Pollination is defined as the transfer of pollen grains from anther to stigma. Two types of pollination are recognized. i. Self pollination ii. Cross pollination
