

Biology - 10th Class Biology English Medium Chapter 14 Preparation

Q1. 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.
Q2. What is flower? What are its whorls?
Ans 1: Flower is the reproductive structure in sporophyte generations the outermost two whorls in a flower are the non reproductive whorls while the inner two whorls are the reproductive whorls.
Q3. From what part seed and fruit develop?
Ans 1: Ovule becomes seed and ovary changes into fruit, after teh act of double fertilization.
Q4. Define exocrine gland?
Ans 1: A gland that discharges its secretion into a duct.
Q5. 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 protect the inner whorl at bud stage.
Q6. Define Optic disc?
Ans 1: Blind spot a point on the retina of the eye where the optic nerve enters the retina no photosensitive cell exit at this point.
Q7. What are bulbs? Give example.
Ans 1: Bulbs are short underground stems surrounded by thick, fleshy leaves that contain stored food Roots emerge under the base of bulb which stores food Roots emerge under the base of bulb while shoots emerge from the top of the base. Tulips, onion and lilies reproduce by bulbs

Ans 1: A condition that is due to low blood calcium and is characterized by spasms of the hand and feet tetany is generally considered to result from very low calcium level in blood.

Q8. What is tetany?

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 self pollination?

Ans 1: Self pollination is defined as the transfer of pollen grain from the anther to the stigma of the some flower or other flower of the same plant.