

Biology - FSC Part 1 Biology English Medium Chapter 9 Preparation

Q1. Give botanical name of two plants belongs to family solanaceae.

Ans 1: Lycopersium esculentu and Solanum nigrum

Q2. Define ovule and seed.

Ans 1: Seed: Ripened ovule is called seed.

Ans 2: Ovule : It is integumented indehiscent megasporangium.

Q3. Name living and extinct representative of psilopsida.

Ans 1: Extinct members of Psilopsida are Homeophyton, Psilophyton, Cooksonia. There are only two living genera of psilopsida Psilotum and Tmesipteris.

Q4. What is prothallus?

Ans 1: It is gametophyte of ferns which is not true thallus. It bears female and male reproductive organs of ferns.

Q5. Write down botanical name of sheesham.

Ans 1: Botanical name of sheesham is Dalbergia sissoo.

Q6. Give four example of gymnosperms from your book.

Ans 1: Cycas, Pinus, Thuja and Cedrus.

Q7. What are fronds?

Ans 1: In ferns leaves are large size and are composed which is called fronds. It is character of fern group.

Q8. What function of thorns and tendrils in plants?

Ans 1: Thorn is an outgrowth which may be present on stem or leaves and thorn has protective function, Tendril is a modification of leaf and stem. It helps in climbing of plant over a support.

Q9. What are the Monoecious Plants?

Ans 1: If male and female sex organs are found on the same plant, it is known as monoecious plants. For example: prothallus of *Adiantum*.

Q10. Differentiate between Floret and Spikelet.

Ans 1: The whole lemma, palea and flower is called floret.

Ans 2: The dry spike which has two or three sessile flowers is called spikelet.
