

Department of Botany

Botany Lab (*BOT 3.1,3.2-4.1,4.2*)

B. Sc. 2nd Year

List of Experiments

Cut the section of given material from gymnosperms and prepare a double-stained permanent mount. Identify giving reasons and show it to the examiner.

Cut the section of material from angiosperms and prepare a double-stained permanent mount. Identify giving reasons and show it to the examiner.

Identify, classify and write morphological notes on the given material/specimens A&B from Gymnosperms.

Identify, giving the important characters of identification of the spots/specimen 1&2 from gymnosperms and 3 4 from angiosperms.

Describe/compare the given flower C and D in semi-technical language giving V.S. of flowers, T.S. of ovaries, floral diagrams and Floral Formulae, Identify and assign them to their respective families giving reasons.

Dissect out the globular/heart-shaped embryo from the given material.

To study pollen germination by in vitro/in vivo methods.

Identify, giving the important characters of identification of the spots 1,2 and 3 from embryology.

Any experiment designed by the examiner as per syllabus.

Filed visit and collection records.



GDC
Memorial College

(Approved by Govt. of Haryana & Affiliated to M D University, Rohtak)
Bahal - 127 028 (Distt. Bhiwani) Haryana