

Ref. No.: Ex/BP504T/2024

B. Pharmacy - Third Year - First Semester Examination 2024

Pharmacognosy and Phytochemistry II

Time: 3 hours

Full marks: 75

Answer any 5 questions taking at least 2 from each group

Group A

1. Define and classify tannin with suitable example. Write the use of tannin. 15
2. Write Thin Layer Chromatographic characterization of medicinal plant extract. 15
3. Define and classify glycoside, write in details about isothiocyanate glycoside. 15

Group B

4. Explain schematically the biosynthesis of shikimic acid and geranyl pyrophosphate. (7.5 x 2 = 15)
5. Write down the method of isolation and identification of atropine, menthol and rutin. (5 x 3 = 15)
6. Describe the method of isolation and estimation of citral and curcumin. (7.5 x 2 = 15)