

Ref. No.: Ex/BP504T/2024(S)

B. Pharm. 3rd year 1st semester Supplementary examination 2024

Subject: Pharmacognosy and Phytochemistry II

Time: 3 hours

Full marks: 75

(Answer any 5 questions taking at least 2 from each group)

Group A

1. Explain schematically the biosynthesis of shikimic acid and terpenoids. 7.5 x 2 = 15
2. Write down the isolation of quinine and curcumin. 7.5 x 2 = 15
3. Write notes on (any 2)
 - a) Radioactive tracer technique
 - b) Isolation and identification of caffeine
 - c) Estimation of quinine 7.5 x 2 = 15

Group B

4. Define and classify alkaloid with suitable examples. 15
5. Write the source, use and chemical constitute of senna, how will you test the presence of anthraquinone glycoside in senna leaves? 15
6. What is extraction? Discuss the various methods of extraction generally adopted for crude drug extract. 15