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Roll No

BP-504 T (CBGS)

B.Pharmacy V Semester (PCI Scheme)

Examination, November 2018

Choice Based Grading System (CBGS)

Pharmacognosy And Phytochemistry II

Time : Three Hours

Maximum Marks : 75

- Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. What is basic metabolic pathway? How the sesquiterpenes biosynthesized through metabolic pathway.
2. What is Alkaloid? Write the composition, distribution, properties and classification of alkaloid.
3. a) Write the industrial production and estimation of atropine.
b) What is pseudo tannin? Write the chemical properties and chemical test of tannin.
4. a) Explain the shikimic acid pathway in detail.
b) How the radioactive isotopes are utilized in the investigation of biogenetic studies?
5. What is Glycoside? Write the properties, distribution, composition and classification of Glycoside.

6. a) What is Terpenoids? Write the isolation and analysis of menthol.
b) Write the industrial production and estimation of sennoside.
7. What is extraction? Explain the various methods of extraction with special reference to chromatography.
8. Write short notes on any two:
 - a) Electrophoresis
 - b) Rauwolfia and Clove
 - c) Isolation and analysis of podophyllotoxin
