

Third Year B.Pharm Degree Examinations July 2018**Pharmacognosy II****(2012 Scheme)****Time: 3 Hours****Total Marks: 100**

- Answer all Questions

Essays**(3x10=30)**

1. Enumerate in detail about extraction techniques and mention its advantages & disadvantages. Draw diagrams wherever needed.
2. What are cardio-active sterols. List out the drugs and explain about any two of the drugs
3. Mention the vernacular names, sources, morphology, uses, chemical constituents for following drugs:
 - Amla
 - Neem
 - Guggal
 - Gymnema

Short notes**(14x5=70)**

4. Discuss the cultivation and collection of cinchona
5. Chemotaxonomical classification of drugs
6. Explain the following Tests: .Keller-Killiani test .Borntrager's test.
7. Difference between Asavas and Gutikas
8. Enumerate the cultivation and collection of opium
9. Mention the pharmacognostic information of kurchi
10. Super critical fluid extraction
11. Explain the life cycle of ergot
12. What are saponins. Explain about any one saponin containing drug.
13. Classification and preparation of allergenic extracts.
14. Gelatin
15. Explain the pharmacognosy of aloes
16. Define the term chromatography and add a note on thin layer chromatography
17. Isoprenoid synthesis
