

QP CODE: 413006

Reg. No:

Final Year B.Pharm Degree Examinations May 2018
PHARMACOGNOSY – III
(2012 scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essays**(3x10=30)**

1. Explain the general pathway of Biogenesis and Pharmacological activity of medicinally important terpenes
2. Enlist and explain the different spectral methods used for the characterization of natural compound with one example.
3. Formulation and evaluation of Herbal Tablet

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

4. Prebiotics as health foods with one example.
5. With the help of diagram explain in detail the various growth phases of callus in culture
6. Gene transfer and gene mapping of plants.
7. Briefly discuss the world wide trade of ginseng.
8. With structures explain the chemistry and biological activity of ephedrine.
9. DNA finger printing with its significance.
10. Define callus and write a note on suspension culture
11. Give the Biogenesis of Senna glycosides
12. Discuss the different plant based industries of India and their role in herbal medicine
13. Define and classify cosmetics. Give the biological source and chemical constituents of any one drug used having anti-wrinkle property.
14. Patent filing procedure in India.
15. World-wide trade of plants used as laxative
16. Formulation and physical evaluation of herbal shampoos
17. Give the chemistry of Quinoline alkaloids
