

2010 Scheme

QP CODE:403006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations July 2021

Pharmacognosy – III

Time: 3 Hours

Total Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary

Essays

(3x10=30)

1. Explain the chemistry and biogenesis of cardiac glycosides
2. Define conservation. Explain in detail different methods adopted for the conservation of endangered medicinal plants.
3. Discuss in detail the evaluation of saponins and bitterness value as per WHO guidelines.

Short notes

(14x5=70)

4. Dietary fibers as health foods.
5. Briefly describe the organ culture and suspension culture
6. Transgenic plants and its application in medicinal plants
7. Briefly discuss the world wide trade of licorice.
8. With structures explain the chemistry and biological activity of quinine.
9. Gene transfer and its significance.
10. Define totipotency. Enlist the applications of plant tissue culture
11. Give the chemistry and identification test for flavonoids
12. Discuss the different plant based industries located in India
13. Define and classify cosmetics. Add a note on skin care herbal formulations
14. Define and briefly discuss the different methods of adulteration with suitable examples
15. Explain the chemistry of medicinally important lignans
16. Briefly discuss the different excipients and their role in herbal formulation
17. Thalleoquin test and Bontragers test and their significance
