

Third B.Pharm (Ayurveda) Degree Examinations October 2018
Pharmacognosy II

Time : 3 Hours**Total Marks:100**

- **Answer all questions**

Essays:**(2x10=20)**

1. Explain the botanical source, cultivation, chemical constituents, adulterants, chemical tests and important medical uses of senna(सेना). (1+3+2+2+1+1)
2. Discuss the biological source, method of preparation and important uses of the following enzymes. • Papain • Pepsin (5+5)

Short notes:**(10x5=50)**

3. General techniques of biosynthetic studies.
4. Discuss biological source, chemical constituents, cultivation and uses of rauwolfia.
5. Biological source and cultivation of opium.
6. Define and classify alkaloids. Explain any one drug containing alkaloids.
7. Plant-sweeteners.
8. Biological source, chemical constituents, cultivation and uses of aloes.
9. Biological source, chemical constituents, chemical tests and uses of digitalis.
10. Explain any two drugs containing tropane alkaloids.
11. Lehyas (लेह्य) and bhasmas (भस्म).
12. Biological source, chemical constituents, cultivation and uses of tobacco.

Answer briefly:**(10x3=30)**

13. Biological source, chemical constituents and uses of rhubarb.
14. Biological source, chemical constituents and uses of tea.
15. Biological source, chemical constituents and uses of bitter almond.
16. Biological source, chemical constituents and uses of saffron.
17. Biological source, chemical constituents and uses of lobelia.
18. Paper chromatography.
19. Biological source, chemical constituents, uses and important formulations of arjuna (अर्जुन).
20. Biological source, chemical constituents, uses and important formulations of lashauna (लषुण).
21. Biological source, chemical constituents, uses and important formulations of satavari (शतावरी).
22. Biological source, chemical constituents, uses and important formulations of neem.
