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B. Pharmacy 3rd Semester Examination

Pharmacognosy-III (N.S.)

BP-234

Time : 3 Hours

Max. Marks : 70

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

SECTION - A

Note : Answer any two questions.

1. What are glycosides? Classify them and give a detail account cardioactive and anthraquinone glycosidic compounds with suitable examples. (10)
2. Define and classify Resins. Discuss any five drug containing resins with their medicinal importance. (10)
3. Discuss and classify enzymes. Give the biological source, preparation. Identification tests and uses of any two given below:
(a) Trypsin (b) Diastase (c) Papain (10)

SECTION - B

Note : Answer any eight questions.

4. Give the phyto-chemical screening method of cardenolides and Bufadunolides. (5)
5. What are saponins? Write the chemical tests and uses of dioscorea and senega. (5)
6. Write the Biological source, cultivation, collection, commercial varieties and adulterants of Aloe. (5)

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7. Draw and write the diagnostic macro-microscopic features of psorelea with its uses. (5)
8. What are volatile oils? Give the biological sources and medicinal uses of dill and citronella. (5)
9. Define cynogenetic glycosides and write two examples with their medicinal importance. (5)
10. Write the biological source, chemical constituents, chemical tests, adulterants and uses of liquorice. (5)
11. What are Leucoanthocynidins? Write the chemical tests, and uses of any two drugs. (5)
12. Write the screening methods for amino acids in plants with suitable examples. (5)
13. Give the biological source, chemical constituents, adulterants and substituents for any two of the following:
(a) Digitalis (b) Senna (c) Cinnamon (5)

SECTION - C

Write the short note on:

14. Alkaloids and their chemical tests. (2)
15. Preparation method and uses of Pepsin. (2)
16. Macro-microscopy of strophanthus. (2)
17. Medicinal Importance of flavonoids. (2)
18. Asafoetida and its medicinal importance. (2)