

[Total No. of Questions - 18] [Total No. of Printed Pages - 2]
(2125)

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B. Pharmacy 3rd Semester Examination

Pharmacognosy-III (NS)

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. Write biological source, cultivation, collection, chemical constituents, diagnostic macroscopic and microscopic features and specific chemical tests of Squill and Rhubarb. (10)
2. Define volatile oil. Write different extraction methods of volatile oil. Write a brief account on Fennel and Cinnamon. (10)
3. Write biological source, preparation, identification tests and uses of Pepsin and Trypsin. (10)

SECTION - A

Note: Answer any eight questions.

4. Write exhaustive note on phytochemical screening of Tannins and Polyphenols. (5)
5. Define and classify resin. Write a brief note on Benzoin. (5)
6. Write biological source, cultivation, collection, commercial varieties, adulterant and uses of Dioscorea. (5)

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7. Write biological source, preparation, identification tests and uses of Papain. (5)
8. Write an assay on bitters plant. (5)
9. Draw and write diagnostic macroscopic and microscopic feature of Senna. (5)
10. Give the biological source, morphological character, chemical constituents and uses of Coriander and Eucalyptus. (5)
11. Write phytochemical screening of alkaloids in plant extract with suitable example. (5)
12. Write Biological Source, morphological character, chemical constituents and uses of Cannabis and Saffron. (5)
13. Draw and write diagnostic macroscopic and microscopic feature of Digitalis. (5)

SECTION - C

Write the short note on:

14. Saponins and their chemical tests. (2)
15. Medicinal Importance of flavonoids. (2)
16. Ginger and its medicinal importance. (2)
17. Lemon Peel. (2)
18. Gymnema. (2)