

[Total No. of Questions - 18] [Total No. of Printed Pages - 2]
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0 DEC 2016

B. Pharmacy 5th Semester Examination

Herbal Drug Technology (NS)

BP-356

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.

Note : Attempt any two questions from Section A, any eight questions from section B. Section C is compulsory.

SECTION - A
(Attempt any two)

1. Give the Classification and Role of Chromatographic methods in evaluation of herbal drugs.
2. Write an exhaustive note on the standardization parameters and quality assurance of herbal drugs.
3. Give a detailed account of Herbal Drug Regulations in India.
(10×2=20)

SECTION - B
(Attempt any Eight)

4. What are the various stability testing parameters for herbal drugs as per ICH?
5. Give the Principle and Applications of Supercritical Fluid Extraction.
6. Elaborate on extraction, isolation and purification of Vasaka.
7. Write a note on adverse drug reactions and safety in herbals.

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8. Describe the regulatory control for import and export of herbal products.
9. Discuss advantages and disadvantages of TLC technique.
10. Enlist various types of extracts and discuss their importance and preparation.
11. Explain the role of marker compounds in the evaluation of herbal drugs.
12. Write in detail the phytochemical screening of Ashwagandha.
13. Give an account of safety and efficacy of herbal drugs.
(5×8=40)

SECTION - C
(Attempt all)

14. Discuss briefly the application of derivatization in chromatography.
15. What is the significance of sulphated ash?
16. CDSCO stands for?
17. Explain the principle of DCCC.
18. Give phytoconstituents of Brahmi.
(2×5=10)