

Subject Code: PAQ2B

M. Pharmacy II Semester [R05] Regular/Supplementary Examinations, Dec-2013

PHYTOPHARMACEUTICAL AND BIOLOGICAL ANALYSIS

(Pharmaceutical Analysis & Quality Assurance)

Time: 3 Hours

Max Marks: 60

**Answer any FIVE questions
All questions carry EQUAL marks**

- 1) Write in detail analysis of phytochemical constituents using chromatographic techniques.
- 2) a) Explain about the analysis of powdered crude drugs by UV and Fluorometry.
b) Explain briefly about Fiber content & Ash values.
- 3) Write note on following
 - a) Lycopodium spore method
 - b) Chemical evaluation of crude drugs.
- 4) What is adulteration? Explain in detail detection of common adulterants in powdered drugs.
- 5) Explain briefly blind screening of crude drugs and Write a short note on screening method for Antipyretic activity
- 6) Define crude drug and explain in detail official formulations of any one Ayurvedic preparation
- 7) Explain the methods for screening of antimicrobial activity.
- 8) What is meant by bioassay? Write its types and significance and add a note on Pyrogen testing.

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