

FACULTY OF PHARMACY**M. Pharmacy (Pharm.Analysis) II-Semester (PCI) (Main) Examination, August 2018****Subject: Herbal & Cosmetic Analysis****Time: 3 Hrs****Max. Marks: 75****Note: Answer any five questions. All questions carry equal marks.**

- 1 (a) Write note Herbal medicines Vs Conventional drugs. 5
(b) Explain the standardization of herbal drugs according to WHO guidelines. 10
- 2 What is adulteration and deterioration? Explain types, causes and measure of adulteration. 15
- 3 (a) Describe the stability testing of natural products with suitable examples. 8
(b) Write a note on effect of herbal medicine on clinical laboratory testing. 7
- 4 (a) Write the spontaneous reporting schemes for bio drug adverse reactions and bio drug-food interactions. 10
(b) Write abt AYUSH guideline on safety monitoring of natural medicine. 5
- 5 Explain the general methods of analysis of raw materials used in cosmetic manufacture as per BIS. 15
- 6 Write the analysis of lipsticks and hair products as per BIS. 15
- 7 Write notes on 3x5=15
(a) Determination of pesticide residues in herbal formulations.
(b) Challenges in monitoring the safety of herbal medicines.
(c) Determination of iodine value of cosmetic products.
- 8 Write abt Indian patent law applicable for herbal drugs and natural products. 15
