

**FACULTY OF PHARMACY**

**M. Pharmacy (Pharma. Analysis) II-Semester (PCI) (Main) Examination,  
August 2019**

**Subject: Herbal & Cosmetic Analysis**

**Time: 3 Hrs**

**Max. Marks: 75**

**Note: Answer any five questions. All questions carry equal marks.**

- 1 (a) Write a note on efficacy of herbal medicine products. (5)  
(b) Explain the pharmacodynamic and pharmacokinetic issues of herbal medicines. (10)
- 2 (a) Write abt sampling procedures of drugs of natural origin. (7)  
(b) How foreign matter is determined in herbal drugs? (8)
- 3 (a) Explain the adulterant screening of herbal drugs and their products using modern analytical techniques. (10)  
(b) Write a note on effect of herbal medicine on clinical laboratory testing. (5)
- 4 (a) Write the spontaneous reporting schemes for bio drug adverse reactions and bio drug –drug interactions. (10)  
(b) Give the challenges in monitoring the safety of herbal medicine. (5)
- 5 (a) Explain the Indian standard specification laid down for sampling and testing of baby care products. (10)  
(b) Write a note on analysis of skin creams as per BIS. (5)
- 6 Write notes on : (3x5)  
(a) Global marketing management  
(b) Determination of ash value of cosmetic products  
(c) Analysis of personal hygiene preparations
- 7 Write abt Indian patent law applicable for herbal drugs and natural products. (15)
- 8 (a) Write abt DNA finger printing techniques in identification of natural drugs. (7)  
(b) Discuss the stability testing of natural products. (8)

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