

Sl.No: M2050

Course Code: MPA204T

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(DEEMED TO BE UNIVERSITY), SALEM**

**M.PHARM. DEGREE EXAMINATION – JANUARY 2021  
Second Semester**

**BRANCH: PHARMACEUTICAL ANALYSIS  
HERBAL AND COSMETIC ANALYSIS**

Time : Three hours

Maximum: 75 marks

**(Draw neat labeled diagrams wherever necessary  
your answer should be specific to the questions asked)**

**SECTION –A**

I. Answer any **THREE** questions: **(3 x 15 = 45)**

1. Explain about DNA finger printing techniques on identification of drugs of natural origin.
2. WHO guidelines on quality assessment of herbal drugs.
3. Explain about spontaneous reporting schemes for bio-drug adverse reactions, bio-drug-drug and bio food interactions with suitable examples.
4. Explain about general method of analysis of raw materials used in cosmetic manufacture as per BLS.

**SECTION –B**

II. Answer any **THREE** questions: **(3 x 10 = 30)**

5. Global marketing management.
6. Validation of herbal therapies.
7. Phototoxic and microbial contamination in herbal formulation.
8. Challenges in monitoring the safety of herbal medications.

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