

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MPHARM 0921]**

**SEPTEMBER 2021  
(OCTOBER 2020 EXAM SESSION)**

**Sub. Code: 2958**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER-II (PCI New regulations 2016)  
PHARMACEUTICAL ANALYSIS - MPA  
PAPER IV – HERBAL AND COSMETIC ANALYSIS  
*Q.P. Code : 262958***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain various bio-drug interactions with suitable examples. What is their effect on pharmacodynamic of herbal drugs?
2. Explain WHO guidelines on for quality assessment of herbal drugs.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Ayurvedic pharmacopoeia.
2. Need for herbal drug standardization.
3. Quality analysis of dental products.
4. Herbal Stability studies
5. Effect of Pharmacokinetic on herbal drugs
6. BIS on Skin cream analysis.
7. Pesticide and heavy metal analysis in herbal drugs.

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