

QP CODE: 214330

Reg. No:.....

**Second Semester M. Pharm Degree Regular/Supplementary Examinations
February 2021**

M.Pharm (Pharmacognosy)

Paper IV: Herbal Cosmetics (MPG 204T)

Time: 3 Hours

Total Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Explain the principles and procedures in the preparation of mouth washes and tooth paste. Add a note on the standardization of the same
2. Give the pre formulation studies for liquid herbal cosmetic preparations
3. Give the analytical parameters for hair care and nail care cosmetic formulations

Short Notes

(9x5=45)

4. What are the GMP requirements of industries involved in the production of herbal cosmetics
5. List of herbs with sources, constituents and uses of herbs used for skin and hair care
6. Compatibility studies of herbal cosmetics
7. Chemistry of skin and pigmentation
8. What are the types of interactions between chemicals and herbs used in herbal cosmetic formulations
9. Hair colorants and its quality control methods
10. Vanishing and foundation creams
11. Formulation and standardization of shampoos
12. Dermal toxicity test
