

QP CODE: 214327

Reg. No:.....

**Second Semester M. Pharm Degree Supplementary Examinations
September 2022**

M.Pharm (Pharmaceutics)

Paper IV: Cosmetics and Cosmeceuticals (MPH 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. Define cosmaceuticals. Discuss most commonly used building blocks in the formulation of cosmetic products
2. What are the common problems associated with oral cavity. Describe various toothpaste formulations for anti-cavity and sensitive teeth
3. What are different hair care products. Discuss in detail the formulation of shampoos

Short Notes

(9x5=45)

4. Explain the issues related to use of parabens in cosmetic products
5. Discuss the challenges in formulating herbal cosmetics
6. Discuss basic components used in the formulation of creams
7. Discuss various chemicals used as sunscreen agents in developing sunscreen formulations
8. Classify perfumes. Enumerate perfume ingredients listed as allergens in EU Regulation
9. Explain on after shave formulation
10. Explain the cleansing and care needs for lips
11. Explain on the formulation of amine-based hair dyes
12. Explain on syndet bars used in personal care
