

**QP CODE: 214327**

**Reg. No:.....**

**Second Semester M. Pharm Degree Regular/Supplementary Examinations  
October 2023**

**M.Pharm (Pharmaceutics)  
Paper IV: Cosmetics and Cosmeceuticals (MPH 204T)  
(Common for 2017 and 2019 Scheme)**

**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. Discuss the product attributes and development of toothpaste.
2. Explain the hair growth cycle.
3. Define dandruff. "Cosmeceuticals are effective in treatment of dandruff". Justify and explain one such formulation.

**Short Notes**

**(9x5=45)**

4. How misbranded cosmetics differ from spurious cosmetics.
5. Cosmeceuticals address pigmentation and wrinkles. Explain
6. Discuss the cleansing and care products for under-arm.
7. How does building blocks concepts help in product development.
8. How are traditional soaps and synthetic detergents different.
9. Explain the COSMOS guidelines with respect to herbal cosmetics.
10. Discuss the regulatory requirements which needs to be followed for labelling of cosmetics as per 'Schedule S' of D&C Act
11. Discuss the causes and treatment of bad breath.
12. Discuss the causes for body odor and cosmetic products to combat body odor.

\*\*\*\*\*