

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 06**

**M.Pharmacy (Pharmaceutics) (2017 Batch) (Sem.-2)**

## COSMETIC & COSMECEUTICALS

**Subject Code : MPH-204**

**M.Code : 74964**

**Date of Examination : 21-12-22**

**Time : 3 Hrs.**

**Max. Marks: 75**

**INSTRUCTIONS TO CANDIDATES :**

- 1. Attempt any FIVE questions out of SIX questions.**
  - 2. Each question carries FIFTEEN marks.**
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1.
    - a) Differentiate between misbranded and spurious cosmetics.
    - b) Name the common problems associated with oral cavity.
    - c) Define the term saponification.
    - d) Name any two herbal ingredients used in face creams.
    - e) Name any two parabens. What are the disadvantages of using parabens in cosmetics?
    - f) Explain the importance of sunscreens.
  2.
    - a) Why is it important to regulate cosmetic products?
    - b) What do you understand by the term 'loan license'?
    - c) Give in detail the general requirements of factory for manufacture of cosmetics and specific requirements of plant and equipments for manufacturing creams.
  3.
    - a) Explain the structure of hair with the help of a diagram.
    - b) Name various layers of the skin. Explain the key changes that happen in the skin structure during wrinkle formation.
  4.
    - a) What do you understand by the term surfactants? Classify and give their application in the preparation of shampoos.

- b) Explain the role of antioxidants in cosmetics. Give examples of antioxidants used in aqueous system and non aqueous systems.
  - c) What is the significance of adding perfumes to the cosmetics? Enlist various perfume ingredients listed as allergens in EU regulations.
- 5.
- a) What are the various challenges in formulating a herbal face cream?
  - b) Explain various steps and ingredients required to formulate a herbal shampoo.
  - c) Give in detail the review of regulatory guidelines for herbal cosmetics.
- 6.
- a) Distinguish between antiperspirant and deodorant.
  - b) What are sunscreens? Enlist various types of sunscreens. Explain in detail the design of a sunscreen cream.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**