



**PAV-MPH-204**

Seat No. \_\_\_\_\_

**M. Pharm. (Sem. II) Examination**

**August / September - 2020**

**MPH - 204 - T : Cosmetics And Cosmeceuticals**

Time : 3 Hours]

[Total Marks : 75

- Instructions :** (1) Figure to the right indicates marks.  
(2) Draw neat and clean diagrams as required.

**1** Answer the following questions : **10×2=20**

- (a) Define 'misbranded' and 'spurious' cosmetics.
- (b) Enlist the excipients used in the formulation of toothpaste.
- (c) Enlist various common problems associated with oral cavity.
- (d) Write down the classification of sunscreen agents.
- (e) State the conditions for obtaining license for manufacturing cosmetics.
- (f) What is syndetbars?
- (g) Name four herbal ingredients used for hair care.
- (h) Enlist the excipients used in the formulation of vanishing cream and cold cream.
- (i) Enlist various Factors affecting microbial preservative efficacy.
- (j) Enlist the methods which are used for analysis of preservative.

**2** Answer any **two** out of the following : **2×10=20**

- (a) Classify perfumes and write a brief note on Perfume ingredients listed as allergens in EU regulation.
- (b) Explain in detail Structure of skin and Write a brief note on the design of cosmeceutical products for addressing dry skin and wrinkles.
- (c) Describe in detail about the classification and application of Emollients, surfactants and preservatives use for the formulations of cosmetics / cosmeceuticals.

**3** Answer any **seven** out of the following : **7×5=35**

- (a) Describe in detail Indian regulatory requirements for labeling of cosmetics.
- (b) Write a brief note on building blocks for formulation of shampoo.
- (c) With the help of a neat schematic diagram describe the structure of hair and hair growth cycle.
- (d) Describe in brief the process of review of guidelines for herbal cosmetics by private bodies with respect to emollients and foaming agent.
- (e) Write a brief note on parabens and dioxane as controversial ingredients for cosmetics.
- (f) Write down the regulatory requirements for sunscreens.
- (g) Discuss the regulatory requirement for the sale of cosmetics
- (h) Write a note on Challenges in the formulation of herbal cosmetics.
- (i) Classify rheological additives and state their applications with suitable examples in formulation of cosmetics.

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