



PFMPH204-T

Seat No. _____

Master of Pharmacy (Sem. II) (CBCS) Examination

July - 2018

MPH 204 - T : Cosmetics & 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) Write down the Classification of perfumes with examples.
- (b) Explain in brief Misbranded and spurious cosmetics.
- (c) With the label diagram describe the Structure of hair and hair growth cycle.
- (d) Write down the classification of surfactants with examples.
- (e) Enlist the excipients used in the formulation of moisturizing cream, vanishing cream and cold cream.
- (f) Enlist the different formulation approaches available for the cleansing and care of face and eye lids.
- (g) Define emulsifiers and foaming agents with its examples
- (h) Enlist the evaluation parameters for sunscreen and explain any one in brief.
- (i) Enlist the herbal ingredients used for skin care.
- (j) Enlist the evaluation parameters for shampoo and toothpaste.

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

- (a) Explain in detail classification of sunscreen agent, its mechanism of action and regulatory guidelines.
- (b) Explain in detail about the Building blocks for formulation of shampoo and toothpaste.
- (c) Describe in detail structure of skin, various problems associate with skin and their remedies.

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

- (a) Describe in detail the Challenges in formulating herbal cosmetics.
- (b) Explain in detail about Indian regulatory requirements for labeling of cosmetics.
- (c) Explain in detail about Regulatory provisions relating to import of cosmetics.
- (d) Write down in detail the factors affecting microbial preservative efficacy.
- (e) Explain cosmetics with respect to rheology modifiers.
- (f) Explain the Classification and applications of Emollients and rheological additives.
- (g) Describe the Herbal ingredients used in Hair care and oral care.
- (h) Explain about various cosmetic formulation available to address bleeding gums and sensitive teeth.
- (i) Describe in detail about Regulatory provision related to manufacturing of cosmetics.
