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2020

M.Pharm. 2<sup>nd</sup> Semester End-Term Examination

COSMETICS AND COSMECEUTICALS

(New Regulation)

Full Marks – 75

Time – Three hours

The figures in the margin indicate full marks for the questions.

GROUP – A

1. Answer the following questions : (10 × 1 = 10)
- (i) Drug and Cosmetics Act was established in the year
- (a) 1945 (b) 1940  
(c) 1954 (d) 1982
- (ii) Now import of certain cosmetic is prohibited under section \_\_\_\_\_ of act and rules 134A, 135, 135A of drug and cosmetic act?
- (a) Section 20 (b) Section 5  
(c) Section 10 (d) Section 15A
- (iii) Cosmetics can imported in India only through following air routes except \_\_\_\_\_?
- (a) Ahmedabad (b) Guwahati  
(c) Chennai (d) Delhi
- (iv) If a cosmetic which contain a colour which is not prescribed than the cosmetic is known as?
- (a) Misbranded cosmetics (b) Spurious cosmetics  
(c) Adulterated cosmetic (d) All of the above
- (v) For obtaining a license to manufacture cosmetics, application required to made in form number ?
- (a) 16 (b) 16A  
(c) 31 (d) 31A

[Turn over

- (vi) Skin is the major part of the body and accounting how many % of the total body weight?
- (a) 10% (b) 12%  
(c) 15% (d) 5%
- (vii) Blood vessel and connective tissues are present in which layer of skin?
- (a) Hypodermis (b) Epidermis  
(c) Dermis (d) Endodermis
- (viii) Main type of cell in dermis layer are
- (a) Stratum pinosum (b) Stratum granulosum  
(c) Stratum corneum (d) Fibroblast
- (ix) Colour of skin generally affected by
- (a) Acne (b) Body odour  
(c) Pigmentation (d) All of the above
- (x) The rate or speed of hair growth is about per month?
- (a) 0.5 inch (b) 1 inch  
(c) 1.25 inch (d) 1.5 inch

2. Answer the following short questions? (5 × 2 = 10)

- (a) What do you mean by sun protection factors (SPF)?
- (b) Define cosmetics as per Indian regulation of drug and cosmetics act 1940 and the rules their under 1945?
- (c) Differentiate Cold cream and vanishing cream?
- (d) What do you mean by COSMOS?
- (e) What causes wrinkle in aged skin?

#### GROUP - B

Answer any SEVEN questions.

3. What are the Indian regulatory requirements for labelling the cosmetics? Explain about the labelling declarations for both outer and inner labels? (5)
4. Describe and draw the structure of skin with respect to different layers? (5)
5. Explain the cause and treatment of (2.5+2.5)
- (a) Dry skin
- (b) Prickle heat

6. What are the common problems generally associated with oral cavity? Explain about (5)
  - (a) Gingivitis
  - (b) Thrush
7. Why cleansing and care necessary? Explain with respect to under arm and eyelids? (5)
8. Describe different building blocks and ingredients used for preparation of cold cream? (5)
9. Describe the factors affecting microbial preservative efficacy with respect to cosmetic formulations? (5)
10. Classify sunscreen agent with suitable examples? Discuss formulation of sunscreen lotion? (5)
11. What do you mean by herbal cosmetics? Explain Challenges in formulating herbal cosmetics? (5)

#### GROUP – C

Answer the following questions (any TWO)

12. Describe regulatory provision for, (3+4+3)
  - (a) Import of cosmetics
  - (b) Manufacture of cosmetics
  - (c) Sale of cosmetics
13. Classify and Draw the neat and labelled diagram of hair? Explain briefly different phases of hair growth cycle? (10)
14. Classify perfumes? Describe role of essential oil as perfumes? Describe few perfume ingredients listed as allergens in EU regulation? (10)