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B.PHARM.
THEORY EXAMINATION (SEM-IV) 2016-17
PHARMACEUTICS-V

Time : 3 Hours**Max. Marks : 100****Note : Be precise in your answer.****SECTION – A****1. Explain the following:****10 x 2 = 20**

- (a) Emulsifying base.
- (b) Shampoos
- (c) Humectants.
- (d) Composition toothpowder.
- (e) Percutaneous.
- (f) Conditioners.
- (g) Lip balm
- (h) Mascara
- (i) Plasticizer.
- (j) Quality test

SECTION – B**2. Attempt any five parts of the following questions:****5 x 10 = 50**

- (a) Draw the structure of skin and explain dermal absorption.
- (b) Give formulation and evaluation cream.
- (c) Describe formulation development of shampoo
- (d) Discuss the microbial quality test of cosmetics.
- (e) Write in details about the nail lacquer.
- (f) Differentiated between formulation of shaving and after shaving products.
- (g) Discuss in brief antiperspirant and deodorant.
- (h) Classify the cosmetics and enlist the various functional excipients with use.

SECTION – C**Attempt any two parts of the following questions:****2 x 15 = 30**

- 3. Write a short note on Face pack. Hair colour and Lotions
- 4. Write detail note on baby care products.
- 5. Explain the safety evaluation for finished cosmetic products.