

Total number of printed pages – 4

B. Pharm
PH. E3

Eighth Semester Examination – 2008

COSMETIC TECHNOLOGY

Full Marks – 70

Time : 3 Hours

Answer Question No. 1 which is compulsory
and any **five** from the rest.

*The figures in the right-hand margin
indicate marks.*

1. Answer the following questions in brief :

2 x 10

- (a) Name the agents used in a Sunscreen cream as photoprotectants.
- (b) Classify cosmetics basing on their use.

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- (c) What is humectant ?
- (d) What is lake colour ? Give two examples of it.
- (e) Mention the mechanism of action of surfactants.
- (f) Discuss the shelf-life of a product.
- (g) What is an iridescent lipstick ?
- (h) Which micro-organism is responsible for dandruff and mention two anti-dandruff agents.
 - (i) Name two film forming agents used the preparation of nail polish.
 - (j) Mention the natural dyes used as hair colourants.

2. (a) Give a labelled diagram of skin and explain various parts with respect to their functions.

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Contd.

- (b) Describe the formulation of a skin cleaners. 5
3. Mention the ideal characteristics of shampoo. Describe the formulation additives of shampoo with suitable examples. 2+8
4. (a) What are the evaluation tests for a shampoo ? 5
- (b) Write a note on different packaging materials used for cosmetics. 5
5. What are the specific objectives of stability testing for cosmetics ? Discuss various conditions in which a cosmetic is tested with their significance. 2+8

6. Discuss the formulation details of the followings : 5+5
- (a) Lip sticks
- (b) Tooth powder.
7. Classify moisturizing preparations and write down the formulation of moisturizing cream. 2+8
8. Write notes on : 2.5×4
- (a) Propellants
- (b) Cream base
- (c) Perfumes
- (d) Colours.