Total number of printed pages – 4B. PharmPH. E3

**Eighth Semester Examination – 2008** 

## COSMETIC TECHNOLOGY

Full Marks - 70

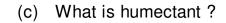
Time: 3 Hours

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

The figures in the right-hand margin indicate marks.

- Answer the following questions in brief : 2 ×10
  - (a) Name the agents used in a Sunscreen cream as photoprotectants.
  - (b) Classify cosmetics basing on their use.

P.T.O.



- (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 iridiscent lipstic ?
- (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.
- 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.
  5
  PH. E3
  2
  Contd.





- (b) Describe the formulation of a skin cleaners.
- 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 ?
  - (b) Write a note on different packaging materials used for cosmetics.
- What are the specific objectives of stability testing for cosmetics ? Discuss various conditions in which a cosmetic is tested with their significance.

P.T.O.

PH. E3 3

- 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 :  $2.5 \times 4$ 

4

- (a) Popellants
- (b) Cream base
- (c) Perfumes
- (d) Colours.

**PH. E3** 

– C