

AV - 2303

Third Year B. Pharm. (Annual Pattern) Examination

**INDUSTRIAL PHARMACY - I**

Paper - III - T - 2

( USC - 35016)

P. Pages : 2

Time : Three Hours]

[Max. Marks : 80

- Note :** (1) All questions carry equal marks.  
(2) Answer any **Eight** questions.  
(3) Illustrate your answer wherever necessary with the help of neat sketches.  
(4) Use pen of Blue/Black ink/refill only for writing the answer book.

1. Discuss in detail formulation of moisturizing and cleaning cream along with their examples. 10
2. Discuss requirement, manufacturing procedure and evaluation of semisolid dosage form. 10
3. Give the ideal properties for tooth paste. Explain the preparation of tooth paste in detail along with suitable formula. 10
4. Discuss in detail the requirement, manufacturing and evaluation of aerosol. 10
5. Explain the various suspending agents used to prepare suspension. 10
6. Explain the various physiochemical parameter studies use for the development of dosage form. 10

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7. Discuss the various requirements for the ophthalmic product along with its evaluation. 10
8. Explain the collection, processing, storage and uses of concentrated human RBC. 10
9. Discuss in detail the formulation of shampoo along with its evaluation. 10
10. Write a notes on (Any Two) :—
  - (a) Hair Cream.
  - (b) Plasma Substitute.
  - (c) Surgical Cotton. 10

