

(LH 4263)

AUGUST 2015

Sub. Code: 4263

**THIRD YEAR B.PHARM. EXAMINATION**  
**PAPER III – PHARMACEUTICAL DOSAGE FORMS AND COSMETIC**  
**TECHNOLOGY**

*Q.P. Code: 564263*

**Time: Three hours**

**Maximum: 100 marks**

**I. Essay:**

**(2 x 20 = 40)**

1. a) What are the ideal properties of Shampoo? Explain the various additives used in the formulation of shampoos?  
b) Explain in detail about the various functions of skin.
2. Explain in detail the collection, processing, storage, testing, use and labelling requirements of whole human blood.

**II. Short notes:**

**(8 x 5 = 40)**

1. Evaluation of Suspensions.
2. Hydrocarbon base used in ointments.
3. Jellies.
4. Define displacement value and explain its importance in formulation of suppositories.
5. Aerosol containers.
6. Advantages and limitations of plastics as packaging material.
7. Additives used in Liquid dosage forms.
8. Define eye drops and explain its ideal requirements.

**III. Short answers:**

**(10 x 2 = 20)**

1. IV additives.
2. Emulsions.
3. What is phase inversion?
4. Lubricants for suppository mould.
5. Applications of aerosol.
6. Hair cream.
7. Tamper resistant packaging.
8. LAL test.
9. Ideal requirements of parenterals.
10. TQM.

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