

(LG 4263)

FEBRUARY 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. Write in detail about suppository bases and explain how suppositories are evaluated.
2. Explain the formulation requirements and evaluation of Injectables solution and suspension.

**II. Short notes:**

**(8 x 5 = 40)**

1. LAF
2. Evaluation of cosmetics for Hair
3. Production facility required for parenterals
4. Eye drops
5. Tooth powder
6. Baby care products
7. GMP
8. Instability of Emulsion

**III. Short answers:**

**(10 x 2 = 20)**

1. Formulation additives in liquid dosage forms
2. Packaging of semisolids
3. Dextran
4. Ideal requirements of PVP
5. Sorption
6. Leaching
7. Factors influencing skin permeation
8. Types of plastics
9. Packaging of pharmaceutical aerosols
10. Functions of Skin

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