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(LQ 4263) **FEBRUARY 2020** Sub. Code: 4263

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

Q.P. Code: 564263

Time: Three hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. Define Pharmaceutical Aerosols. Discuss formulation, propellant used, packaging and applications of Aerosols.

2. Describe in detail about conditions adopted in handling of raw materials, waste disposal and storage as per GMP in Pharmaceutical Industry.

II. Write notes on: **(8 x 5 = 40)**

1. Additives used in liquid dosage forms.
2. Mechanism of drug penetration through skin.
3. Ideal requirements of suppositories.
4. Plasma substitutes.
5. Types of plastics used in pharmaceutical products.
6. Draw a neat labelled layout of sterile unit.
7. Compact powders.
8. Evaluations of injectable solutions.

III. Short answers on: **(10 x 2 = 20)**

1. Fill volume.
2. Alu-Alu packing.
3. Sterile powders.
4. HVAC system.
5. TQM.
6. Plasma expanders.
7. Clear gels.
8. Evaluation of semisolids.
9. Emulsifiers.
10. Rouges.

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