

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm - SEMESTER– VI EXAMINATION – WINTER-2016

Subject Code: 260001

Date: 20/10/2016

**Subject Name: Hospital Pharmacy, Community Pharmacy &
Dispensing Pharmacy II**

Time: 2.30 PM to 5.30 PM

Total Marks: 80

Instructions:

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q. 1** (a) Discuss in detail about water soluble bases for suppositories. **06**
(b) Define ointments. Give advantages and disadvantages of ointments. **05**
(c) Classify ointment bases and explain the bases that form occlusive film on skin. **05**
- Q.2** (a) Define the following terms: **06**
1. Liniments 2. Lotions 3. Gargles 4. Enemas 5. Poultices 6. Plasters
(b) Differentiate Creams and Pastes. **05**
(c) What do you mean by gels? Give its properties and enlists various types of gelling agents used for the formulation of gels. **05**
- Q.3** (a) Discuss in detail about compounding of suppositories by moulding and hand rolling. **06**
(b) Give labeling requirements for the following: **05**
1. Throat paints 2. Eye drops 3. Mouthwashes 4. Liniments 5. Lotions
(c) Write a note on: Cocoa butter as suppository base **05**
- Q.4** (a) Describe merits and demerits of suppositories. **06**
(b) Discuss methods of preparation of ointments for thermolabile drug. **05**
(c) Write a note on Standard I for the accreditation of hospitals. **05**
- Q.5** (a) Discuss in detail Unit dose drug distribution systems. **06**
(b) Write steps involved in dispensing of controlled drugs. **05**
(c) Write a note on Non charge floor stock system with respect to drug distribution system in hospitals. **05**
- Q. 6** (a) Write a note on Pyrogen testing as a quality control tool for LVP prepared in a hospital. **06**
(b) What are the common non sterile formulations to be prepared in hospital pharmacy? Give methods of estimating demand for the same. **05**
(c) Write advantages of laminar air flow system over conventional clean room system. Explain diagrammatically various kinds of laminar air flow systems. **05**
- Q.7** (a) Discuss in detail: radiation hazards and their preventive measures. **06**
(b) What are the special rooms required for preparation of radio isotopes in a laboratory? **05**
(c) Write a note on ASHP guidelines for prepackaging of oral solids and liquids. **05**
