

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.PHARM. - SEMESTER- VI • EXAMINATION – SUMMER-2016**

**Subject Code: 260001****Date: 29/04/2016****Subject Name: Hospital Pharmacy, Community Pharmacy And Dispensing Pharmacy-II****Time: 10:30 AM to 1:30 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) Enlist the sterile pharmaceutical preparations. Give the preparation and storage of water for injection. **6**
- (b) Explain the premises required for manufacturing of sterile preparations. **5**
- (c) What are radiopharmaceuticals? Explain any two hazards associated with handling of radiopharmaceuticals? **5**
- Q.2** (a) Discuss location and plan of layout of CSSD **6**
- (b) What are the objectives of CSSD? **5**
- (c) Write the use of radio pharmaceuticals in different organ system. **5**
- Q.3** (a) Discuss the role of pharmacist in contagious diseases in the society **6**
- (b) Write about accreditation aspects of hospital pharmacy **5**
- (c) What is Patient counseling .What is its importance? **5**
- Q.4** (a) Comment. Iodine ointment prepared by chemical reaction is also known as non staining iodine ointment. **6**
- (b) Supply 10 suppositories each weighing 1 gm and containing 200 mg boric acid (D.V. 1.5 with reference to Coca butter) and give the final formula for 10 suppositories. **5**
- (c) Classify type of ointment bases and discuss their properties **5**
- Q.5** (a) Enumerate different drug distribution systems and explain Mobile dispensing Unit. **6**
- (b) Write a note on “Roll of pharmacist in child care.” **5**
- (c) Discuss the methods to study absorption and penetration of an ointment. **5**
- Q.6** (a) What is Displacement Value? Give its importance to prepare suppositories **6**
- (b) Give the difference between ointments and paste. **5**
- (c) Write note on Theobroma oil **5**
- Q.7** (a) Draw layout plan of sterile and non sterile product area. **6**
- (b) Write a short note on Formulation of eye drops. **5**
- (c) Write a note on sterilization methods used in hospital. **5**