

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B. Pharm. – SEMESTER – VI • EXAMINATION – WINTER 2013**

**Subject Code: 260001****Date: 27-11-2013**

**Subject Name: Hospital Pharmacy, Community Pharmacy and  
Dispensing Pharmacy- II**

**Time: 02.30 pm To 05.30 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) justify the following: (ANY THREE) **06**
- 1) Temperature control is necessary during melting coca butter in preparation of suppositories.
  - 2) Absorption base is suitable for oozing wounds.
  - 3) Iodine ointment prepared by chemical reaction is also known as non staining ointment.
  - 4) Semisolid preparations are advantageous to be packed in collapsible tubes rather than pot.
- (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. **05**
- (c) Define the term pessaries. Discuss its method of preparation in brief. **05**
- Q. 2** (a) Discuss the role of pharmacist in contagious diseases in the society. **06**
- (b) Discuss accreditation aspects of hospital services with rules. **05**
- (c) Describe prepackaging of drugs in hospital pharmacy. **05**
- Q.3** (a) Discuss the production controls in manufacturing of sterile preparations. **06**
- (b) Highlight important features of Non charge floor stock drugs. **05**
- (c) Enumerate different drug distribution systems and discuss Unit dose drug Distribution system in brief. **05**
- Q.4** (a) Discuss quality assurance and quality control of parenteral products. **06**
- (b) What are the duties of hospital pharmacist managing CSSD? **05**
- (c) Discuss location and plan of layout of CSSD. **05**
- Q. 5** (a) Classify type of ointment bases and discuss their properties. **06**
- (b) Give the difference between ointments and creams. **05**
- (c) Differentiate pastes and jellies. **05**

- Q. 6** (a) Write a note on Dusting powders. **06**  
(b) Give the labeling requirement for the following: Poultices, Dentrifices, **05**  
Face powders, Suppositories, Eye drops.  
(c) Enlist methods of preparation of ointment. Discuss any one method. Discuss **05**  
Instabilities in cream.
- Q.7** (a) write short note on: **06**  
1) Formulation of parenteral products.  
2) Theobroma oil  
(b) Write a note on dispensing of radiopharmaceuticals. **05**  
(c) Write note on pastes. **05**

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