

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.

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| 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 |
