

# GUJARAT TECHNOLOGICAL UNIVERSITY

B.Pharm - SEMESTER-VI- (OLD SYLLABUS) EXAMINATION – SUMMER-2015

Subject Code: 260001

Date: 29/04/2015

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) | What are the general considerations of GMP to prepare sterile preparations?                                                              | 06 |
|      | (b) | What are the objectives of CSSD?                                                                                                         | 05 |
|      | (c) | What standards should be followed by hospital in order to get accreditation?                                                             | 05 |
| Q.2  | (a) | Enlist various properties of an ideal suppository base. Give the classification of suppository bases in detail?                          | 06 |
|      | (b) | What is Patient counseling .What is its importance?                                                                                      | 05 |
|      | (c) | What is the role of the pharmacist in pre-packaging services of the hospital?                                                            | 05 |
| Q.3  | (a) | Explain the premises required for manufacturing of sterile preparations?                                                                 | 06 |
|      | (b) | What are creams.Explain aqueous and nonaqueous creams?                                                                                   | 05 |
|      | (c) | Explain how accreditation is beneficial for the hospital and Patient?                                                                    | 05 |
| Q.4  | (a) | What is sterilization? Discuss sterility test in detail?                                                                                 | 06 |
|      | (b) | Explain the role of pharmacist towards prevention of communicable disease?                                                               | 05 |
|      | (c) | Write a note on formulation of eye drops.                                                                                                | 05 |
| Q.5  | (a) | Explain Geiger-Muller Counter method for measurement of Radioactivity?                                                                   | 06 |
|      | (b) | Draw a layout for CSSD within hospital?                                                                                                  | 05 |
|      | (c) | What is the importance of master formula in pharmaceutical industry?                                                                     | 05 |
| Q. 6 | (a) | What are radiopharmaceuticals? Explain any two hazards associated with handling of radiopharmaceuticals?                                 | 06 |
|      | (b) | Explain the environmental control parameter in detail for manufacturing of sterile preparation?                                          | 05 |
|      | (c) | What is the difference between ointment and paste?                                                                                       | 05 |
| Q.7  | (a) | Explain in detail satellite pharmacy and unit dose dispensing system in context to Drug Dispensing and Distribution system in Hospitals? | 06 |
|      | (b) | Explain the clinical application of radiopharmaceuticals?                                                                                | 05 |
|      | (c) | What are jellies.Explain medicated and non-medicated jellies?                                                                            | 05 |

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