

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
Diploma Pharmacy (Second Year) Examination – May/June- 2011
Subject code: 420006

Subject Name: Hospital & Clinical Pharmacy

Date: 01/06/2011

Time: 02.30 pm – 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.**

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|-------------|---|----------|
| Q.1 | (a) Define Hospitals. Classify them on various criteria. | 6 |
| | (b) Write a note on organization of hospital pharmacy. | 5 |
| | (c) Write a note on P.T.C.(Pharmacy & Therapeutics Committee). | 5 |
| Q.2 | (a) Enumerate the various drug distribution systems in hospitals for indoor patients. Write a detailed note on any one of them. | 6 |
| | (b) Write about advantages and disadvantages of hospital formulary system. | 5 |
| | (C) Define and classify surgical dressings. | 5 |
| Q.3 | (a) Write in detail about identification tests and absorbency tests of absorbent cotton as per I.P.-2007. | 6 |
| | (b) Write a note on applications of computers in hospitals. | 5 |
| | (c) Write the uses of followings.
(1) Ryal's tube (2) Catheter (3) I.V.set | 5 |
| Q.4 | (a) Write a detailed note on drug information centre. | 6 |
| | (b) Write about the manufacturing of large volume parenterals. | 5 |
| | (c) Define clinical pharmacy. Write about scope of clinical pharmacy. | 5 |
| Q.5 | (a) Write about manifestations and pathophysiology of Diabetes. | 6 |
| | (b) Define Bioavailability and Bioequivalence. Enumerate the various factors affecting it. | 5 |
| | (c) Define Adverse Drug Reactions. Classify them. | 5 |
| Q. 6 | (a) Define drug interaction. Write in detail about the drug-food interaction. | 6 |
| | (b) Mention the normal values and significance of following physiological parameters.
(1) Hb% (2) ESR (3) Blood Pressure | 5 |
| | (c) Write about the general treatment of poisoning. Write about systemic antidotes. | 5 |
| Q.7 | (a) Write about signs, symptoms, causes and treatment of Peptic ulcer. | 6 |
| | (b) Write short notes on followings.
(1) Patient counseling (2) Drug dependence | 5 |
| | (c) Write about drug interactions of various analgesics. | 5 |
