

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

# GUJARAT TECHNOLOGICAL UNIVERSITY

M.PHARM- SEM-III-EXAMINATION – MAY 2012

**Subject code: 930106**

**Date: 18/05/2012**

**Subject Name: Applied Pharmacotherapeutics - II**

**Time: 10:30 am – 01:30 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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|------------|---------------------------------------------------------------------------------------------------|-----------|
| <b>Q.1</b> | (a) Write short note on: NSAIDs & corticosteroid drugs in rheumatoid arthritis.                   | <b>06</b> |
|            | (b) Enumerate and explain the risk factors for Breast cancer.                                     | <b>05</b> |
|            | (c) Explain Erythropoiesis in detail.                                                             | <b>05</b> |
| <b>Q.2</b> | (a) Classify different types of angina. Give a brief account on nitrates.                         | <b>06</b> |
|            | (b) Discuss pharmacotherapy of Urinary tract infection.                                           | <b>05</b> |
|            | (c) Describe management of prostate cancer.                                                       | <b>05</b> |
| <b>Q.3</b> | (a) Write short note on: Parenteral iron therapy.                                                 | <b>06</b> |
|            | (b) Write short note on: Teratogenicity with examples.                                            | <b>05</b> |
|            | (c) Describe pharmacotherapy of malaria.                                                          | <b>05</b> |
| <b>Q.4</b> | (a) Describe pathophysiology of gout & write the classification of drugs used in gouty arthritis. | <b>06</b> |
|            | (b) Describe pathophysiology and diagnosis of acute renal failure.                                | <b>05</b> |
|            | (c) Describe various diagnostic methods for tuberculosis.                                         | <b>05</b> |
| <b>Q.5</b> | (a) Explain the different staging methods in Hodgkin's disease                                    | <b>06</b> |
|            | (b) Describe pharmacotherapy of Organophosphorus poisoning.                                       | <b>05</b> |
|            | (c) Describe briefly about antimicrobial agents used in treatment of acne vulgaris.               | <b>05</b> |
| <b>Q.6</b> | (a) Describe clinical features & diagnostic criteria for cervical carcinoma of uterus.            | <b>06</b> |
|            | (b) Write in detail about management of glaucoma.                                                 | <b>05</b> |
|            | (c) Explain pathogenesis of acute leukemia.                                                       | <b>05</b> |
| <b>Q.7</b> | (a) Write about management of chronic renal failure.                                              | <b>06</b> |
|            | (b) Write pharmacotherapy for the patient suffering from acute amoebic dysentery.                 | <b>05</b> |
|            | (c) Write the sign and symptoms and laboratory testing of thalassemia.                            | <b>05</b> |

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