

**GUJARAT TECHNOLOGICAL UNIVERSITY****M. Pharm.– SEMESTER III– EXAMINATION-SUMMER 2016****Subject Code: 930106****Date: 27/05/2016****Subject Name: Applied Pharmacotherapeutics-II****Time:2:30 PM to 5:30 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) | Classify Acute Renal Failure based on clinical features of its various types and describe briefly the investigations carried out for its diagnosis.  | <b>06</b> |
|             | (b) | Discuss pathophysiology and clinical features of Tuberculosis.   | <b>05</b> |
|             | (c) | Write a short note on – Factors influencing Milk/Plasma concentration ratio of drugs during lactation period.  | <b>05</b> |
| <b>Q.2</b>  | (a) | Define Rheumatoid Arthritis and give its etiology. Discuss the role of NSAIDs and corticosteroids in its management.                                 | <b>06</b> |
|             | (b) | Discuss pathophysiology and management of Uncomplicated UTI. Give factors responsible for causing complicated UTI.                                   | <b>05</b> |
|             | (c) | Write a short note on- Iron deficiency anemia and its treatment.   | <b>05</b> |
| <b>Q.3</b>  | (a) | Classify Glaucoma and discuss its pathophysiology.   | <b>06</b> |
|             | (b) | Discuss management protocol of stage IV Carcinoma of breast.   | <b>05</b> |
|             | (c) | Write a short note on- AIDS.   | <b>05</b> |
| <b>Q.4</b>  | (a) | Define critical care and enlist members of a critical care team. Which parameters are monitored in an ICU to evaluate functioning of nervous system. | <b>06</b> |
|             | (b) | Discuss treatment guidelines to be followed in pediatric patients.   | <b>05</b> |
|             | (c) | Write a short note on- Physiological effects of estrogen and progesterone.   | <b>05</b> |
| <b>Q.5</b>  | (a) | Discuss life cycle of malarial parasite and give clinical classification of antimalarial drugs.  | <b>06</b> |
|             | (b) | Discuss the effects of ageing on pharmacokinetic parameters of drugs in geriatric patients.  | <b>05</b> |
|             | (c) | Write a short note on- Total Parenteral Nutrition (TPN).   | <b>05</b> |
| <b>Q. 6</b> | (a) | Write signs and symptoms and discuss the management of Thrombocytopenic Purpura.   | <b>06</b> |
|             | (b) | Discuss pathophysiology and management protocol of acute lymphatic leukemia.   | <b>05</b> |
|             | (c) | Write a short note on- Male reproductive system.   | <b>05</b> |
| <b>Q.7</b>  | (a) | Discuss management of vomiting, asthma and hypertension associated with pregnancy.   | <b>06</b> |
|             | (b) | What dietary modifications are recommended in a patient of chronic kidney disease and write a note on dialysis treatment of CKD.                     | <b>05</b> |
|             | (c) | Write a short note on- diagnosis and management of gout.   | <b>05</b> |

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