

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm.-SEMESTER VII- EXAMINATION – SUMMER-2017

Subject Name: 270006

Date: 10/05/2017

Subject Code: Pharmacology -III

Time: 02:30 PM to 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.

- Q.1** (a) Write Down M/A, Therapeutic use & Spectrum of Activity & Side Effect of Fluroquinolones **06**
(b) Classify Laxatives. Discuss about bulk Laxatives **05**
(c) Write Down Mechanism of action & adverse effect of Aminoglycoside Antibiotics **05**
- Q.2** (a) Discuss the molecular mechanism of inhibition of bacterial Cell Wall Synthesis **06**
(b) Write note on Insulin **05**
(c) Classify Oral Hypoglycemic Agents. Discuss about Rosiglitazone. **05**
- Q.3** (a) Define Antacids. Discuss the Physiology of Proton Pump Inhibitors with Examples **06**
(b) Classify the Cephalosporin. Discuss Use & Adverse Effect of Cephalosporin **05**
(c) Write note on Prokinetic Drugs **05**
- Q.4** (a) Classify the AntiTuberculer Drugs. Discuss M/A & Side Effect of Isoniazid **06**
(b) Define HAART. Discuss the Reverse Transcriptase inhibitors **05**
(c) Explain the Life cycle of Malarial Parasite. **05**
- Q.5** (a) Describe Storage ,Synthesis & release of Thyroid Hormones. **06**
(b) Short note on Expectorants **05**
(c) Define Following Terms: **05**
1)Fanconi Syndrome
2)SuperInfection
- Q. 6** (a) Classification of Anticancer Drugs. **06**
(b) Give Examples & Use of Following **05**
1) 5-HT3 Antagonist
2) AntiThyroid Drugs
(c) Discuss Pharmacology & Therapeutic Use of Nitric Oxide **05**
- Q.7** (a) Discuss Use & Adverse Effect of Glucocorticoids **06**
(b) Write note on Immunosupressant **05**
(c) Comment on Following **05**
1)All Antibiotics are Chemotherapeutics Agents
2)Penicillin Given with Probenecid
