

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M.PHARM- SEM-II-EXAMINATION – JULY 2012

Subject code: 2920106

Date: 06/07/2012

Subject Name: Applied Pharmacotherapeutics

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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|-------------|---|-----------|
| Q.1 | (a) Describe factors involved in causing Bronchial Asthma- Role of various mediators | 06 |
| | (b) Recent Classification of Diabetes mellitus with brief description | 05 |
| | (c) Explain-Status epilepticus and its treatment. | 05 |
| Q.2 | (a) Differentiate between Simple and toxic goiter | 06 |
| | (b) Give the diagnostic features of Myocardial Infarction. | 05 |
| | (c) Describe-Cushing's Syndrome | 05 |
| Q.3 | (a) Give etiology and preferable treatments for diarrhea caused due to various causative factors. | 06 |
| | (b) Give the mechanism of action and benefits offered by SSRIs | 05 |
| | (c) State true or false- Angina is a symptom and not disease and explain the reason for the Statement | 05 |
| Q.4 | (a) Explain the etiology of Parkinsonism. | 06 |
| | (b) Describe Pharmacological and non Pharmacological management for hypertension during pregnancy | 05 |
| | (c) | 05 |
| Q.5 | (a) What is preferred treatment for schizophrenia? How newer agents offer benefits? | 06 |
| | (b) Classify Cirrhosis- give brief Etiology and features of each | 05 |
| | (c) Describe cardiomyopathy –causes and consequences. | 05 |
| Q. 6 | (a) Suggest treatments for morning sickness, motion sickness and emesis due to chemotherapy. Give justification for preferred treatment in each case. | 06 |
| | (b) Give a brief note on pharmacological and non pharmacological treatment of migraine | 05 |
| | (c) Differentiate between Hypo and hyper parathyroidism | 05 |
| Q.7 | (a) Describe etiology of emphysema? Why it is also called as Barrel Chest Disease? | 06 |
| | (b) Give etiology of constipation and explain preferable treatment in pregnancy with reason. | 05 |
| | (c) Explain role of Renin-Angiotensin system in hypertension. | 05 |
