

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

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

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.PHARM - SEMESTER- 8 EXAMINATION – WINTER -2019**

**Subject Code: 2280004****Date: 21-11-2019****Subject Name: Pharmacology and Pharmacotherapeutics – IV****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) Classify diuretics with examples. Write pharmacology of loop diuretics **06**  
(b) Discuss etiology of cardiac arrhythmia and explain management of it in detail **05**  
(c) Write note on management of acute renal failure **05**
- Q.2** (a) Discuss pathophysiology and management of hyperthyroidism **06**  
(b) Discuss etiology, sign, symptom and treatment of angina pectoris **05**  
(c) Discuss drugs used as oxytocic and tocolytic agents **05**
- Q.3** (a) Classify antiplatelet drugs and write their indications and adverse effects **06**  
(b) Discuss diagnosis, management and advance treatment of diabetes mellitus **05**  
(c) Write in detail about pulmonary embolism **05**
- Q.4** (a) Classify anemias write detailed note on iron deficiency anemia **06**  
(b) Write note on erectile dysfunctioning **05**  
(c) Write pathophysiology, diagnosis and treatment of bone disorders **05**
- Q.5** (a) Classify lipid lowering agent, write a note on HMG CoA reductase inhibitors. **06**  
(b) Write short note on hormonal contraceptives. **05**  
(c) Classify obesity, discuss diagnosis and treatment of obesity. **05**
- Q. 6** (a) Classify hypertension write pathophysiology, diagnosis and management of hypertension. **06**  
(b) Write pharmacology of drugs used in treatment of coronary heart disease. **05**  
(c) Differentiate between warferin and heparin. **05**
- Q.7** Write a short note on following **16**  
i. Fibrinolytics  
ii. Haematinics  
iii. Progestins  
iv. Plasma expanders.

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