

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM – SEMESTER – 8- EXAMINATION –WINTER - 2018

Subject Code:2280004**Date: 22/11/2018****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 anaemia. Write a note on iron deficiency anaemia. **06**
(b) Write a note on plasma expanders. **05**
(c) Define obesity. Describe etiology, diagnosis and treatment of obesity. **05**
- Q.2** (a) Classify diuretics. Write down pharmacology of loop diuretics. **06**
(b) Write a note on hormonal contraceptives. **05**
(c) Write a note on hematinics. **05**
- Q.3** (a) Define hypertension. Write down management of hypertension. **06**
(b) Classify anticoagulants. Write down pharmacology of warfarin. **05**
(c) Write a note on estrogens. **05**
- Q.4** (a) Describe pathophysiology and treatment of congestive cardiac failure. **06**
(b) Write a note on drugs used in the treatment of erectile dysfunction. **05**
(c) Define dyslipidemia. Write down pharmacology of statins. **05**
- Q.5** (a) Explain pathophysiology, signs and symptoms and diagnosis of diabetes mellitus. **06**
(b) Define angina. Write down pharmacology of nitrates. **05**
(c) Classify antiplatelet drugs. Write down their therapeutic uses. **05**
- Q. 6** (a) Describe signs and symptoms and management of hyperthyroidism. **06**
(b) Enlist bone disorders and write down their etiology, symptoms and treatment. **05**
(c) Write down management of acute renal failure. **05**
- Q.7** (a) Enlist types of cardiac arrhythmias. Explain etiology and pathophysiology of arrhythmia. **06**
(b) Classify oxytocics. Write down pharmacology of oxytocin. **05**
(c) Write a note on thrombosis. **05**
