

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.**

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|-------------|--|-----------|
| <b>Q.1</b>  | (a) Classify anaemia. Write a note on iron deficiency anaemia.                               | <b>06</b> |
|             | (b) Write a note on plasma expanders.  | <b>05</b> |
|             | (c) Define obesity. Describe etiology, diagnosis and treatment of obesity.                   | <b>05</b> |
| <b>Q.2</b>  | (a) Classify diuretics. Write down pharmacology of loop diuretics.                           | <b>06</b> |
|             | (b) Write a note on hormonal contraceptives.   | <b>05</b> |
|             | (c) Write a note on hematinics.  | <b>05</b> |
| <b>Q.3</b>  | (a) Define hypertension. Write down management of hypertension.                              | <b>06</b> |
|             | (b) Classify anticoagulants. Write down pharmacology of warfarin.                            | <b>05</b> |
|             | (c) Write a note on estrogens.   | <b>05</b> |
| <b>Q.4</b>  | (a) Describe pathophysiology and treatment of congestive cardiac failure.                    | <b>06</b> |
|             | (b) Write a note on drugs used in the treatment of erectile dysfunction.                     | <b>05</b> |
|             | (c) Define dyslipidemia. Write down pharmacology of statins.                                 | <b>05</b> |
| <b>Q.5</b>  | (a) Explain pathophysiology, signs and symptoms and diagnosis of diabetes mellitus.          | <b>06</b> |
|             | (b) Define angina. Write down pharmacology of nitrates.                                      | <b>05</b> |
|             | (c) Classify antiplatelet drugs. Write down their therapeutic uses.                          | <b>05</b> |
| <b>Q. 6</b> | (a) Describe signs and symptoms and management of hyperthyroidism.                           | <b>06</b> |
|             | (b) Enlist bone disorders and write down their etiology, symptoms and treatment.             | <b>05</b> |
|             | (c) Write down management of acute renal failure.  | <b>05</b> |
| <b>Q.7</b>  | (a) Enlist types of cardiac arrhythmias. Explain etiology and pathophysiology of arrhythmia. | <b>06</b> |
|             | (b) Classify oxytocics. Write down pharmacology of oxytocin.                                 | <b>05</b> |
|             | (c) Write a note on thrombosis.  | <b>05</b> |

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