

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

**Subject Code: 2280004****Date: 14-05-2019****Subject Name: Pharmacology and Pharmacotherapeutics – IV****Time: 10:30 AM TO 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.

|             |   |           |
|-------------|---|-----------|
| <b>Q.1</b>  | (a) Explain types and management of hypertension.   | <b>06</b> |
|             | (b) Discuss pathophysiology and treatment of CHF  | <b>05</b> |
|             | (c) Explain high ceiling diuretics.   | <b>05</b> |
| <b>Q.2</b>  | (a) Write a short note on heamatinics.  | <b>06</b> |
|             | (b) Explain pathophysiology and treatment of thrombosis.  | <b>05</b> |
|             | (c) Short note on plasma expanders.   | <b>05</b> |
| <b>Q.3</b>  | (a) Short note on fibrinolytics.  | <b>06</b> |
|             | (b) Describe contraceptives.  | <b>05</b> |
|             | (c) Explain selective estrogen receptor modulators.   | <b>05</b> |
| <b>Q.4</b>  | (a) Write about blood coagulants.   | <b>06</b> |
|             | (b) Explain about obesity.  | <b>05</b> |
|             | (c) Short note on oxytocics and tocolytics.   | <b>05</b> |
| <b>Q.5</b>  | (a) Discuss progestins and antiprogestins.  | <b>06</b> |
|             | (b) Describe pathophysiology of type I and II diabetes mellitus and give treatment of type I diabetes mellitus. | <b>05</b> |
|             | (c) Write a short note on goiter.   | <b>05</b> |
| <b>Q. 6</b> | (a) Enlist different types of bone disorders and explain about any one of it.                                   | <b>06</b> |
|             | (b) Write a short note on androgens.  | <b>05</b> |
|             | (c) Write a short note on thiazide diuretics.   | <b>05</b> |
| <b>Q.7</b>  | (a) Write a short note on arrhythmia.   | <b>06</b> |
|             | (b) Give detailed account on acute urinary failure.   | <b>05</b> |
|             | (c) Explain pathophysiology and treatment of dyslipidemia.  | <b>05</b> |

\*\*\*\*\*