

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

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