

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm - SEMESTER-VIII • EXAMINATION – SUMMER -2018

Subject Code: 2280004**Date:04/05/2018****Subject Name: Pharmacology and Pharmacotherapeutics IV****Time: 10:30AM TO 01:30PM****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) Write about Coagulants and Anticoagulants in details. | 06 |
| | (b) Explain about Menstrual cycle disorders. | 05 |
| | (c) Write down pharmacology of Oxytocics and Tocolytics. | 05 |
| Q.2 | (a) Write a note on pathophysiology and treatment of Hypertension. | 06 |
| | (b) Discuss treatment and management of Chronic renal failure. | 05 |
| | (c) Short note on Anti-thyroid drugs. | 05 |
| Q.3 | (a) Define Thrombosis. Write down sign-symptoms, pathophysiology and treatment of Thrombosis. | 06 |
| | (b) Discuss types, pharmacology and adverse effects of estrogen. | 05 |
| | (c) Write a note on Diuretic class of drugs. | 05 |
| Q.4 | (a) Classify lipid lowering agents. Write note on HMG CoA reductase inhibitors. | 06 |
| | (b) Write about various Hematinics drugs in details. | 05 |
| | (c) Write about treatment and management of Erectile dysfunction | 05 |
| Q.5 | (a) Write about epidemiology, sign-symptoms and treatment bone disorders. | 06 |
| | (b) Classify anti-androgens. Write about mechanism of actions and medicinal uses of anti-androgens. | 05 |
| | (c) Write a note on anti-arrhythmic drugs in details. | 05 |
| Q. 6 | (a) What is Diabetes mellitus? Classify the various anti-diabetic drugs in details. | 06 |
| | (b) Discuss treatment and management of Obesity. | 05 |
| | (c) Explain about SERM in details. | 05 |
| Q.7 | (a) Classify anemia. Write down pathophysiology & treatment of anemia. | 06 |
| | (b) Explain about various Hormonal contraceptives. | 05 |
| | (c) Discuss on Plasma Expanders in details. | 05 |
