

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm.- SEMESTER-VIII • EXAMINATION – SUMMER-2017

Subject Code: 2280004

Date: 04/05/2017

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.

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|-------------|---|-----------|
| Q.1 | (a) Classify types of hypertension. Write a note on risk factors and management of hypertension | 06 |
| | (b) Describe the sign and symptoms and management of iron deficiency anemia. | 05 |
| | (c) Write short note on anti-diuretics. | 05 |
| Q.2 | (a) Write pathophysiology, risk factors and management of diabetes mellitus. | 06 |
| | (b) Explain causes of acute renal failure. | 05 |
| | (c) Write a note on oral anticoagulants. | 05 |
| Q.3 | (a) Describe clinical presentation, diagnosis and pharmacotherapy of angina pectoris. | 06 |
| | (b) Write a note on hematinic agents. | 05 |
| | (c) Describe the pharmacological action of progestins. | 05 |
| Q.4 | (a) Describe risk factors diagnosis, complication and treatment of obesity. | 06 |
| | (b) Explain the lipid transport and lipoprotein metabolism in dyslipidaemia. | 05 |
| | (c) Write a note on antiesrogens and selective estrogen receptors modulators. | 05 |
| Q.5 | (a) Classify diuretics. Write a short note on high ceiling diuretics. | 06 |
| | (b) Describe various types of arrhythmia with their management. | 05 |
| | (c) Write a short note on plasma expanders. | 05 |
| Q. 6 | (a) Write a note on pathophysiology and management of congestive heart failure. | 06 |
| | (b) Describe sign and symptoms and treatment of thyroid disorders. | 05 |
| | (c) Write a note on premenstrual syndrome. | 05 |
| Q.7 | (a) Write a mechanism of action, pharmacological action & therapeutical uses of estrogens. | 06 |
| | (b) Describe oral and parenteral female hormonal contraceptives. | 05 |
| | (c) Explain aetiology and investigations of venous thromboembolism | 05 |
