

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Ph. - SEMESTER-VIII • EXAMINATION – WINTER -2022

Subject Code: 2280004**Date:03/01/2023****Subject Name: Pharmacology and Pharmacotherapeutics-IV****Time: 02:30PM TO 05:30PM****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) | Discuss types of angina pectoris and write the pathophysiology of coronary heart disease | 06 |
| | (b) | Classify diuretics and write a note on spironolactone | 05 |
| | (c) | Differentiate acute and chronic renal failure | 05 |
| Q.2 | (a) | Describe etiology, long term complications and management of hypertension | 06 |
| | (b) | Define Haematinics and write a note on Vitamin B ₁₂ | 05 |
| | (c) | Write a note on hormonal contraceptives | 05 |
| Q.3 | (a) | Classify anti-coagulants. Describe therapeutic uses and adverse effects of anti-coagulants. | 06 |
| | (b) | Enlist sign and symptoms of congestive heart failure and discuss its pathophysiology. | 05 |
| | (c) | Discuss in detail the risk factors and management of obesity | 05 |
| Q.4 | (a) | Enlist types of menstrual cycle disorder. Explain dysmenhorrea in detail | 06 |
| | (b) | Write a note on anti-platelet drugs | 05 |
| | (c) | Define cardiac arrhythmia and describe the mechanism involved in various types of arrhythmias | 05 |
| Q.5 | (a) | Classify oral hypoglycemic drugs. Write a note on dipeptidyl peptidase-4 inhibitors. | 06 |
| | (b) | Classify anemia and discuss the management of anemia | 05 |
| | (c) | Enumerate types of bone disorders. Write a note on osteoporosis | 05 |
| Q. 6 | (a) | Classify oxytocics and discuss its actions, uses and adverse effects | 06 |
| | (b) | Write a note on venous thrombosis. | 05 |
| | (c) | Describe actions and uses of thyroid hormones | 05 |
| Q.7 | (a) | Describe risk factors, pathophysiology and diagnosis of hyperlipidemia | 06 |
| | (b) | Discuss management of erectile dysfunction | 05 |
| | (c) | Write a note on plasma expanders | 05 |
