

GUJARAT TECHNOLOGICAL UNIVERSITY
PHARM.D YEAR-3 EXAMINATION – SUMMER - 2025

Subject Code: 838803**Date: 06-05-2025****Subject Name: Pharmacotherapeutics-II****Time: 10:30 A.M. TO 1:30 P.M.****Total Marks: 70****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) What is Surgical prophylaxis? Write a note on guidelines for the rational use of antibiotics **06**
(b) Write clinical presentations and general approaches to treatment of Rheumatoid arthritis **04**
(c) Discuss management of breast cancer **04**
- Q.2** (a) Write pathophysiology and treatment algorithm of gout **06**
(b) Discuss pharmacological management of gastroenteritis **04**
(c) Suggest therapy to overcome chemotherapy induced nausea and vomiting **04**
- Q.3** (a) Explain etiological factors, stages and management of Eczema **06**
(b) Write etiology & clinical presentations of Infective endocarditis **04**
(c) Enlist drugs responsible for Renal failure. Explain pathogenesis of Aminoglycoside induced nephrotoxicity **04**
- Q.4** (a) Explain pathophysiology of tuberculosis along with its transmission & Discuss diagnostic tests for tuberculosis **06**
(b) Illustrate treatment algorithm of Syphilis **04**
(c) Discuss etiology & pathophysiology of acute renal failure **04**
- Q.5** (a) Write causative organism, pathophysiology and treatment of vulvovaginal candidiasis **06**
(b) List upper respiratory tract infection. Suggest antimicrobial therapy of bronchitis **04**
(c) Write etiology & clinical manifestations of Spondylitis **04**
- Q.6** (a) Write pathophysiology & clinical manifestations of UTI **06**
(b) Sketch management algorithm for treatment of bacterial meningitis **04**
(c) Explain principle of hemodialysis **04**
- Q.7** (a) Write chemotherapy of Acute Lymphocytic Leukemia **06**
(b) Write risk factors and complications of chronic renal failure **04**
(c) Write pharmacological and non-pharmacological treatment of Psoriasis **04**
