

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm.– SEMESTER–VI - EXAMINATION – SUMMER-2021

Subject Code: BP602TP**Date: 04/08/2021****Subject Name: Pharmacology-III****Time: 02:30 PM To 05:30 PM****Total Marks: 80****Instructions:**

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

- Q.1** (a) Explain the role of biological clocks in cancer processes and chronotherapy in detail. **06**
(b) Define Immunomodulator. Discuss in detail about cyclosporine. **05**
(c) Write a note on antifungals. **05**
- Q.2** (a) What is DOTS? Explain the clinical signs, symptoms and diagnostic tests of Tuberculosis. **06**
(b) Explain in detail the pharmacology of Ciprofloxacin. **05**
(c) Write a note on macrolides. **05**
- Q.3** (a) Describe the terms (with examples): Biosimilars, Monoclonal antibodies and Chronopharmacology. **06**
(b) Outline the complete life cycle of Malarial parasite. Discuss the use of “Co-artemether”. **05**
(c) Classify antiemetic drugs. Discuss mechanism of prokinetic drugs. **05**
- Q.4** (a) Write about etiology, pathophysiology and treatment of COPD. **06**
(b) Write in detail about the drugs used in treatment of Syphilis and Gonorrhoea. **05**
(c) Write a note on anthelmintics. **05**
- Q.5** (a) Explain the clinical symptoms and management of barbiturates and morphine poisoning. **06**
(b) What is HAART? Write a note on drugs used in treatment of HIV infection. **05**
(c) Classify laxatives and purgatives. Add a note on irritant laxatives with example. **05**
- Q.6** (a) Classify anticancer drugs highlighting their mechanism of action. **06**
(b) Describe pathophysiology and treatment of bronchial asthma. **05**
(c) Write a note on antitussive agents. **05**
- Q.7** (a) Classify types of Leprosy. Write detail pharmacology of Dapsone. **06**
(b) Discuss the management of UTI. **05**
(c) Write a brief note on Digestants and carminatives. **05**
