

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

Subject Code: 2270004**Date: 28/05/2018****Subject Name: Pharmacology & Pharmacotherapeutics-III****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) Classify and differentiate types of leprosy. Write about lepra reactions.	06
	(b) Describe advantages and disadvantages of antimicrobial combinations.	05
	(c) Discuss any two sexually transmitted diseases.	05
Q.2	(a) Discuss pathogenesis and management of breast cancer.	06
	(b) Write mechanism of action and adverse effects of (i) Chloramphenicol (ii) Erythromycin	05
	(c) Write a note on co-trimoxazole.	05
Q.3	(a) Write short notes on (i) Bacterial Resistance (ii) Prophylactic use of antibiotics.	06
	(b) Write a note on antiretroviral agents.	05
	(c) Write about symptoms and management of tuberculosis.	05
Q.4	(a) Classify anticancer agents. Discuss 'Antimetabolites' as anticancer agents.	06
	(b) Classify semisynthetic penicillin. Give difference between Ampicillin and Amoxicillin.	05
	(c) Write a note on Quinolones.	05
Q.5	(a) Classify antifungal agents. Write about antifungal antibiotics.	06
	(b) Give diagnosis and treatment of types of leukemia.	05
	(c) Write short notes on (i) Swine flu (ii) Chickenguniya	05
Q.6	(a) Describe pathogenesis, sign-symptoms and treatment of Urinary tract infection.	06
	(b) Write mechanism, adverse effects and uses of tetracycline.	05
	(c) Define chemotherapy. Classify chemotherapeutic agents according to mechanism of action.	05
Q.7	(a) Clinically classify antimalarial agents. Write mechanism of action, adverse effects and uses of Chloroquine.	06
	(b) Write mechanism of action, adverse effects and uses of aminoglycoside antibiotics.	05
	(c) Write about symptoms, diagnosis and treatment of Meningitis.	05