

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm Practice- Year-I • EXAMINATION – SUMMER -2018

Subject Code: PP101TP

Date: 30/04/2018

Subject Name: PATHOPHYSIOLOGY & PHARMACOTHERAPEUTICS I

Time: 02:30 PM TO 05:30PM

Total Marks: 60

Instructions:

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

Q.1	(a) Discuss etiology, pathophysiology & treatment of Hypertension	06
	(b) Describe etiology & clinical manifestations of Heart failure	03
	(c) Explain pathophysiology of Hyperlipidemia	03
Q.2	(a) Discuss in detail treatment algorithm of Ischemic heart disease.	06
	(b) Describe Pharmacotherapy of Atrial fibrillation.	03
	(c) Discuss diagnostic tests of Hyperlipidemia	03
Q.3	(a) Discuss diagnostic tests & clinical manifestations of Asthma	06
	(b) What is Pathophysiology? Explain its scope in treatment of disease.	03
	(c) Which factors should be considered in dose selection of a drug in a hepatically challenged patient?	03
Q.4	(a) Discuss the role of pharmacokinetic factors in selection of a drug in pediatric population.	06
	(b) Explain etiology & pathophysiology of Torsade de Pointes	03
	(c) Discuss pharmacotherapy of COPD	03
Q.5	(a) Enlist long term complications of Diabetes mellitus. Explain any two of them.	06
	(b) Explain in detail pathophysiology of Asthma	03
	(c) Describe various forms of Congestive Heart Failure	03
Q.6	(a) Explain etiology, pathophysiology & Clinical manifestations of hypothyroidism	06
	(b) Discuss GOLD classification of COPD.	03
	(c) Give difference between Type 1 Diabetes mellitus & Type 2 Diabetes mellitus.	03
Q.7	(a) Describe etiology, diagnostic techniques & treatment of Grave's disease	06
	(b) Discuss diagnostic techniques of Diabetes mellitus.	03
	(c) Explain step up & step down approach for treatment of asthma	03
