

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
PARUL INSTITUTE OF PHARMACY

B.PHARM EIGHT SEMESTER · INTERNAL EXAMINATION: 2018-19

Subject Name: Pharmaceutical Chemistry-IX (Medicinal Chemistry-IV)

Subject Code: 08101451

Time: 10:00 to 11:30 am

Date: 14/05/2019

Total Marks: 25

Instructions:

1. Question 1 is compulsory
2. Attempt any 2 questions from Q.2 to Q.4
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

Q.1	(a)	Discuss SAR of Thiazide Diuretics.	01
	(b)	Write short note on membrane stabilizing agents.	03
	(c)	Discuss in brief about Hansch Analysis.	02
Q.2	(a)	Write a brief note on beta blockers.	03
	(b)	Discuss synthesis of Clofibrates and Nitroglycerin.	03
	(c)	Write a note on SOSA Approach with two examples.	02
Q.3	(a)	Note on COMFA and CoMSIA.	05
	(b)	Discuss the hydrophobic parameters of QSAR.	03
Q.4	(a)	Write a note on de novo drug design approach.	05
	(b)	Define Combinatorial Chemistry. Write in brief about Parallel Synthesis approach of Combinatorial Chemistry.	03
