

Q-3	Attempt all questions	(14)
	a. Explain the dose response curve.	05
	b. Write a note on nanorobots and Nano-nephrology.	05
	c. Explain the up and down regulations of receptors.	04

SECTION – II

Q-4	Attempt the following questions	(07)
	a. Define: Pharmacokinetics.	01
	b. What do you mean by lead compound?	01
	c. Give only three name of enteral routs of drug administration.	01
	d. What is known as cellular drinking?	01
	e. Define the structure Activity Relationship (SAR)	01
	f. What do you mean by volume of distribution?	01
	g. State Fick's law.	01

Q-5	Attempt all questions	(14)
	a. Discuss the routes of drug administrations.	08
	b. Give the classification of bioisosteres in detail.	06

OR

Q-5	Attempt all questions	(14)
	a. Explain the factor affecting absorption of drug.	08
	b. Discuss the Hansch and free Wilson analysis.	06

Q-6	Attempt all questions	(14)
	a. Discuss the methods of lead discovery.	08
	b. What is called bioavailability? Discuss the types and factors affecting on bioavalibility.	06

OR

Q-6	Attempt all questions	(14)
	a. Write a note on drug metabolism.	07
	b. Discuss the factors affecting drug distribution.	07

