

Roll No: _____



K. R. MANGALAM UNIVERSITY
Sohna Road, Gurgaon

Re-appear, Examination, Dec- 2024

Programme: M. Pharmacy

Course Title: Drug Delivery Systems

Time: 3 hours

Instructions: Attempt any five questions

Course Code: MPH102T

Max. Marks: 75

Marks

1.	<i>Discuss various factors affecting the formulation of Oral sustained release drug delivery system. What are desirable characteristics of drug to qualify for CRDDS.</i>	15
2.	<i>Write short notes on any two:</i> <i>a) Penetration Enhancers</i> <i>b) Telepharmacy</i> <i>c) Mucosal delivery of vaccines</i>	2×7.5=15
3.	<i>What are activation modulated drug delivery systems? Classify them and briefly describe temperature sensitive drug delivery systems.</i>	15
4.	What are different factors that influence gastric retention of dosage forms. Discuss in detail about various types of floating drug delivery system.	15
5.	Discuss various factors affecting formulation of transdermal drug delivery system. Classify about various types of transdermal drug delivery system and discuss their applications	15
6.	Discuss in brief various methods to overcome various barriers for ocular drug delivery system?	15
7.	Writes short notes on a) Mucoadhesive polymers b) Personalized medicines c) <i>In Vitro</i> evaluation of gastroretentive DDS	3×5=15