

Name :

Student Admn. No :

School of Medical and Allied Sciences
Continuous Assessment Test (CAT) - 2018 Semester: Winter, 2017-18
[Programme : B.Pharm] [Semester: 8]

Course Code: PCY413
Course Title : Novel Drug Delivery Systems-theory
Time : 1.30 Hrs
Max Marks : 50

Instructions : 1. Attempt any one from 15 Marks Questions
2. Attempt any two from 10 Marks Questions

S.No	Course Outcome	Knowledge Level	Question	Marks
1	CO 1	KL 3	Generalize different advantages and disadvantages of controlled drug delivery system.	5
2	CO 1	KL 4	Draw plasma drug concentration versus time graph for time dependant drug delivery system	5
3	CO 1	KL 4	Differentiate between diffusion controlled and dissolution controlled drug delivery system	15
4	CO 1	KL 5	Explain various evaluation parameters of Controlled drug delivery system	15
5	CO 2	KL 4	Differentiate between site activated and site directed prodrug	5
6	CO 2	KL 4	Define microencapsulation. Enlist various distinguish features of microencapsulation	10
7	CO 2	KL 5	Compare GDEPT and ADEPT methods of prodrug formulation	10
8	CO 2	KL 6	What are the various bioengineering approaches to design prodrug based drug delivery system	10