

Name :

Student Admn. No :

School of Medical and Allied Sciences
Continuous Assessment Test (CAT) - 2018 Semester: Winter, 2017-18
[Programme : B.Pharm] [Semester: 6]

Course Code: PCY306
Course Title : Pharmaceutical Technology II
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	Write the source of Type A Gelatin and Type B Gelatin. Illustrate the detailed process for the extraction of gelatin.	5
2	CO 1	KL 3	Generalize the significance of bloom strength and minim per gram in capsule formulation.	5
3	CO 1	KL 3	Enlist the different techniques for microcapsules preparation and illustrate the air suspension and phase separation coacervation techniques with suitable diagrams.	15
4	CO 1	KL 3	Differentiate between Hard Gelatin and Soft Gelatin capsules and discuss the role of different formulation additives for soft gelatin capsules.	15
5	CO 2	KL 3	Relate the role of diluents in tablet formulation and give the characteristics of an ideal diluent for tablet dosage form.	5
6	CO 2	KL 3	Illustrate the different steps for the manufacturing of tablets by wet granulation method.	10
7	CO 2	KL 3	Generalize the different official and non-official evaluation tests for tablet dosage form.	10

8	CO 2	KL 3	Enlist the different additives for tablet formulation. Generalize the role of diluents, binders, disintegrants, lubricants, glidants and anti-adherents.	10
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