

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: PCY308
Course Title : Chemistry of Natural Products
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	Illustrate the term alkaloids, their functions and physical properties.	5
2	CO 1	KL 3	What do you mean saponin glycosides? How will you interpret the cardinolides and bufadinolides?	5
3	CO 1	KL 3	How will you utilize the chemical moieties to differentiate or classify the alkaloids with structures? Explain with examples.	15
4	CO 1	KL 3	How will you utilize the chemical tests to identify the flavonoids, carbohydrates, Phytosterols and Saponin glycosides?	15
5	CO 2	KL 3	Describe metabolites and types. How will you interpret the primary and secondary metabolites with examples?	5
6	CO 2	KL 3	Illustrate the biosynthesis of ornithine derived alkaloids.	10
7	CO 2	KL 3	Illustrate the biosynthesis of tryptophan derived alkaloids.	10
8	CO 2	KL 3	Illustrate the biosynthesis of steroids.	10