Proposed Scheme of Examination for the subject of Computer Science in B.Sc. (Non Medical with Computer Science) w.e.f. 2021-22

Semester-I

Paper Code	Nomenclature	Periods/ week	Marks		
			Ext.	Int.	Total
CS-11	Computer Fundamentals	(6 periods / week)	40	10	50
CS-12	Digital Electronics	(6 periods / week)	40	10	50
CS-13	Computer Lab of PC Software	(two lab sessions of 3 periods each per week per group)	50	-	50

Semester-II

Paper Code	Nomenclature	Periods/ week	Marks		
			Ext.	Int.	Total
CS-21	Programming in C	(6 periods / week)	40	10	50
CS-22	Operating System	(6 periods / week)	40	10	50
CS-23	Computer Lab based on CS-21	(two lab sessions of 3 periods each per week per group)	50	-	50

Semester-III

Paper Code	Nomenclature	Periods/ week	Marks		
			Ext.	Int.	Total
CS-31	Programming in C++	(6 periods / week)	40	10	50
CS-32	Data Structure	(6 periods / week)	40	10	50
CS-33	Computer Lab based on CS-31 and CS-32	(two lab sessions of 3 periods each per week per group)	50	-	50

Semester-IV

Paper Code	Nomenclature	Periods/ week	Marks		
			Ext.	Int.	Total
CS-41	Database Management Systems	(6 periods / week)	40	10	50
CS-42	Software Engineering	(6 periods / week)	40	10	50
CS-43	Computer Lab based on CS-41	(two lab sessions of 3 periods each per week per group)	50	-	50

Semester-V

Paper Code	Nomenclature	Periods/ week	Marks		
			Ext.	Int.	Total
CS-51	Computer Networks	(6 periods / week)	40	10	50
CS-52	Optional paper - I	(6 periods / week)	40	10	50
CS-53	Computer Lab based on CS-52	(two lab sessions of 3 periods each per week per group)	50	-	50

List of Optional papers against CS-52:

CS-52(i)	Python Programming
CS-52(ii)	Java Programming

Semester-VI

Paper Code	Nomenclature	Periods/ week	Marks		
			Ext.	Int.	Total
CS-61	Artificial Intelligence	(6 periods / week)	40	10	50
CS-62	Optional paper - II	(6 periods / week)	40	10	50
CS-63	Computer Lab based on CS-62	(two lab sessions of 3 periods each per week per group)	50	-	50

List of Optional papers against CS-62:

CS-62(i)	Android Programming
CS-62(ii)	Introduction to Linux

Notes:

1. Minimum passing marks in the theory is 35% (excluding the IA marks).
2. Passing marks in theory exams will be calculated on basis of cumulative marks obtained in both the theory papers.
3. Minimum pass marks in practical is 40%.
4. All the papers of computer Science will be taught by the faculty of Computer Science only.