

**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-51	(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

Note: The group size for practical purpose will be same as that of other Science Subjects like Physics and Chemistry.