

DESIGN OF QUESTION PAPER

Subject : **COMPUTER SCIENCE**
 Paper : Theory
 Class : XI
 Full Mark : 70
 Time : 3 Hours

I.	WEIGHTAGE TO OBJECTIVES :				
	Objectives	Marks	Percentage		
	Knowledge (K)	14	20		
	Understanding (U)	28	40		
	Application (A)	26	37		
	Skill (S)	2	3		
Total :		70	100		
II.	WEIGHTAGE TO FORM OF QUESTIONS :				
	Form of Questions	No. of Questions	Time (in minutes)	Marks	Percentage
	Essay/Long Answer (E/LA)	3	60	15	21
	Short Answer (SA-I)	7	42	21	30
	Short Answer (SA-II)	10	40	20	29
	Very Short Answer (VSA)	10	30	10	14
	MCQ	4	8	4	6
Total :		34	180	70	100
III.	WEIGHTAGE TO CONTENTS :				
	Unit	Topics		Marks	
	1	Computer Fundamentals		6	
	2	Programming Mythology		10	
	3	Introduction to Programming in C++		44	
	4	Computer System Organisation		10	
Total :			70		
IV.	SCEHEME OF SECTION : Nil				
V.	SCHEME OF OPTION : Nil				
VI.	DIFFICULTY LEVEL :				
	Difficulty	: 20% marks			
	Average	: 50% marks			
	Easy	: 30% marks			

Abbreviation: K(Knowledge), U(Understanding), A(Application), Skill(S), E(Essay type),
 SA(Short Answer Type), VSA(Very Short Answer Type), MCQ(Multiple Choice Question)

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Subject : **COMPUTER SCIENCE**
 Paper : Theory
 Class : XII
 Full Mark : 70
 Time : 3 Hours

I.	WEIGHTAGE TO OBJECTIVES :					
	Objectives			Marks	Percentage	
	Knowledge (K)			14	20	
	Understanding (U)			28	40	
	Application (A)			24	34	
	Skill (S)			4	6	
Total :			70	100		
II.	WEIGHTAGE TO FORM OF QUESTIONS :					
	Form of Questions		No. of Questions	Time (in minutes)	Marks	Percentage
	Essay/Long Answer (E/LA)		3	60	15	21
	Short Answer (SA-I)		7	42	21	30
	Short Answer (SA-II)		10	40	20	29
	Very Short Answer (VSA)		10	30	10	14
	MCQ		4	8	4	6
	Total :		34	180	70	100
III.	WEIGHTAGE TO CONTENTS :					
	Unit	Tropics			Marks	
	1	Programming in C++			30	
	2	Data Structures			16	
	3	Database & SQL			8	
	4	Boolean Algebra			8	
	5	Communication & Network Concepts			8	
Total :				70		
IV.	SCEHEME OF SECTION : Nil					
V.	SCHEME OF OPTION : Nil					
VI.	DIFFICULTY LEVEL :					
	Difficulty	:			20% marks	
	Average	:			50% marks	
	Easy	:			30% marks	

Abbreviation: K(Knowledge), U(Understanding), A(Application, Skill(S), E(Essay type),
 SA(Short Answer Type), VSA(Very Short Answer Type), MCQ(Multiple Choice Question)