

# DESIGN OF QUESTION PAPER

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

<b>I.</b>	<b>WEIGHTAGE TO OBJECTIVES :</b>					
	<b>Objectives</b>			<b>Marks</b>	<b>Percentage</b>	
	Knowledge (K)			14	20	
	Understanding (U)			32	46	
	Application (A)			21	30	
	Skill (S)			3	4	
<b>Total :</b>			<b>70</b>	<b>100</b>		
<b>II.</b>	<b>WEIGHTAGE TO FORM OF QUESTIONS :</b>					
	<b>Form of Questions</b>		<b>No. of Questions</b>	<b>Time (in minutes)</b>	<b>Marks</b>	<b>Percentage</b>
	Essay/Long Answer (E/LA)		4	60	20	29
	Short Answer (SA-I)		5	30	15	21
	Short Answer (SA-II)		10	50	20	29
	Very Short Answer (VSA)		10	30	10	14
	MCQ		5	10	5	7
	<b>Total :</b>		<b>34</b>	<b>180</b>	<b>70</b>	<b>100</b>
<b>III.</b>	<b>WEIGHTAGE TO CONTENTS :</b>					
	<b>Unit</b>	<b>Topics</b>			<b>Marks</b>	
	1	Computer Fundamentals			10	
	2	Programming Mythology			6	
	3	Introduction to Programming in C++			40	
	4	Computer System Organisation			14	
<b>Total :</b>				<b>70</b>		
<b>IV.</b>	<b>SCEHEME OF SECTION :</b> Nil					
<b>V.</b>	<b>SCHEME OF OPTION :</b> Nil					
<b>VI.</b>	<b>DIFFICULTY LEVEL :</b>					
	Difficulty	: 30% marks				
	Average	: 50% marks				
	Easy	: 20% marks				

**Abbreviation :** K(Knowledge), U(Understanding ), C(Comprehension), Exp.(Expression), Skill(S), E(Essay Type), SA (Short Answer Type), VSA (Very Short Answer Type), MCQ(Multiple Choice Question)

# DESIGN OF QUESTION PAPER

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

<b>I.</b>	<b>WEIGHTAGE TO OBJECTIVES :</b>					
	<b>Objectives</b>			<b>Marks</b>	<b>Percentage</b>	
	Knowledge (K)			14	20	
	Understanding (U)			32	46	
	Application (A)			21	30	
	Skill (S)			3	4	
<b>Total :</b>			<b>70</b>	<b>100</b>		
<b>II.</b>	<b>WEIGHTAGE TO FORM OF QUESTIONS :</b>					
	<b>Form of Questions</b>		<b>No. of Questions</b>	<b>Time (in minutes)</b>	<b>Marks</b>	<b>Percentage</b>
	Essay/Long Answer (E/LA)		4	60	20	29
	Short Answer (SA-I)		5	30	15	21
	Short Answer (SA-II)		10	50	20	29
	Very Short Answer (VSA)		10	30	10	14
	MCQ		5	10	5	7
	<b>Total :</b>		<b>34</b>	<b>180</b>	<b>70</b>	<b>100</b>
<b>III.</b>	<b>WEIGHTAGE TO CONTENTS :</b>					
	<b>Unit</b>	<b>Tropics</b>			<b>Marks</b>	
	1	Programming in C++			26	
	2	Data Structures			16	
	3	Database & SQL			10	
	4	Boolean Algebra			10	
	5	Communication & Network Concepts			8	
<b>Total :</b>				<b>70</b>		
<b>IV.</b>	<b>SCEHEME OF SECTION :</b> Nil					
<b>V.</b>	<b>SCHEME OF OPTION :</b> Nil					
<b>VI.</b>	<b>DIFFICULTY LEVEL :</b>					
	Difficulty	: 30% marks				
	Average	: 50% marks				
	Easy	: 20% marks				

**Abbreviation :** K(Knowledge), U(Understanding ), C(Comprehension), Exp.(Expression), Skill(S), E(Essay Type), SA (Short Answer Type), VSA (Very Short Answer Type), MCQ(Multiple Choice Question)