

DESIGN OF QUESTION PAPER (FIRST TERM)

CLASS: - XI

SUBJECT: -COMPUTER SCIENCE

TIME: - 2^{1/2} hrs

MAX. MARKS:- 55

The weightage or the distribution of marks over different dimension of the question paper shall be as follows.

- Weightage to learning outcomes:

Sr. No.	Learning outcomes	Marks	Percentage of marks
1.	Knowledge	14	25%
2.	Understanding	28	50%
3.	Application	13	25%
4.	Skill	-	-
Total		55	100%

- Weightage to content/ subject units:

Sr. No.	Units	Marks
1.	Data representation of numbers	05
2.	Steps involved in problem solving in computers	06
3.	Fundamentals of C programming	
	Structure of program, data types, keywords, constants, variables, qualifiers and statements	08
4.	Operators and Expressions	10
5.	Basic input output	08
6.	Control Structure	18
Total		55

- Weightage to forms of questions:

Sr. No.	Form of Questions	Marks for each question	Number of questions	Total Marks
1.	Long Answer Type(LA-I)	04	02	08
2.	Short Answer Type(SA-I)	02	11	22
3.	Short Answer Type(SA-II)	03	05	15
4.	Very Short Answer Type(VSA)	01	10	10
Total			28	55

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The expected time for different types of question would be as follows:

Sr.No.	Form of Questions	Approx. time for each question in mins.(t)	Number of questions (n)	Approx. time for each form of question in mins. (nxt)
1.	Long Answer Type(LA-I)	12	02	24
2.	Short Answer Type(SA-I)	06	11	66
3.	Short Answer Type(SA-II)	08	05	40
4.	Very Short Answer Type(VSA)	02	10	20
Total			28	150

As the total time is calculated on the basis of number of questions required to be answered and the length of their anticipated answers, it would therefore, be advisable for the candidates to budget their time properly by cutting out the superfluous words and be within the expected time limits.

- Scheme of Option

There will be no overall choice. However, there is an internal choice in 2 questions of 4 marks category and 1 question of 3 marks category.

- Weightage to difficulty level of questions:

Sr. No.	Estimated difficulty level of question	Marks	Percentage
1.	Easy	11	20%
2.	Average	33	60%
3.	Difficult	11	20%
Total		55	100%

A question may vary in difficulty level from individual to individual. As such, the assessment in respect of each question will be made by paper setter, on the basis of general anticipation from the group as a whole, taking the examination. This provision is only to make the paper balanced in weightage, rather than to determine the pattern of marking at any stage.

- Number of main questions:

There will be 5 main questions of 11 marks each.

NOTE: In each main question one question of MCQ type will carry one mark each.