

DESIGN OF THE QUESTION PAPER (SECOND FORMATIVE EXAM 2014 ONWARDS)

CLASS : XII (General Stream)

Time : 1 Hrs.

Subject : Computer Science

Max. Marks : 20

The weightage or the distribution of marks over different dimensions of the question paper shall be as follows:

1. Weightage to Learning Outcomes

Sr.No.	Learning Outcomes	Marks	Percentage of Marks
1	Knowledge	06	30%
2	Understanding	09	45%
3	Application	05	25%
4	Skill	--	--
Total		20	100%

2. Weightage to Content / Subject Units

Sr.No.	Units	Marks
1	Unit I :- Programming in C++ (Only Inheritance)	05
2	Unit II :- Data structures in C++	
	- Arrays	10
	- Linear linked lists	05
Total		20

3. Weightage to Forms of question

Sr.No.	Forms of Question	Marks for each Question	Number of Questions	Total Marks
1	Long Answer Type (LA)	04	01	04
2	Short Answer Type (SA-I)	02	04	08
3	Short Answer Type (SA-II)	03	01	03
4	Very Short Answer Type (VSA)	01	05	05
Total			11	20

The expected time different type of question would be as follows:

Sr.No.	Forms of Question	Approx. Time for each Question in mins (t)	Number of Questions	Approx. Time for each Question in mins (n x t)
1	Long Answer Type (LA)	12	01	12
2	Short Answer Type (SA-I)	07	04	28
3	Short Answer Type (SA-II)	10	01	10
4	Very Short Answer Type (VSA)	02	05	10
Total			11	60

As the total time is calculated on the basis of the 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.

4. **Scheme of Options**

There will be no overall choice. However, there is an internal choice in 01 sub questions of 04 marks category.

5. **Weightage to difficulty level questions:**

Sr.No.	Estimated difficulty level of questions	Percentage
1	Easy	20%
2	Average	60%
3	Difficulty	20%

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

6. **Number of Main Questions :**

There will be 02 main questions of 10 marks each.

NOTE : MCQ's should not be included in the question paper.

Signature of the Convenor