

Class XI : Computer Science: Term I (Half Yearly): 2021- 2022: Marks 35

Unit No.	Unit Name	MCQ (1 mark)	VSA (1 mark)	SA (2 marks)	Total marks
Unit-1	Computer system and organization	3	6	0	9
Unit-2	HTML	3	6	2x1	11
Unit-3	Programming and computational Thinking (PCT-1)	5	8	2x1	15
Total marks	=	11	20	2x2	35

Class XI : Computer Practical : Term-1(Half Yearly) : 2021-22 : Marks 15

Expt – 10 ; Lab Note Book-3 ; Viva – 2 : Total = 15

5.1. Unit-4: HTML Lab

- Create static web pages.
- Use style sheets to enforce a format in an HTML page (CSS).

- Embed pictures, audio and videos in an HTML page.

5.2. Unit-5: Programming in Python

- At least the following Python concepts should be covered in the lab
- Sessions: expressions, conditionals, loops, list, dictionary, and strings. The following are some representative lab assignments.
- Find the largest and smallest numbers in a list.
- Find the third largest number in a list.
- Test for primality.

Class XI : Computer Practical : Term-II(Annual) : 2022 : Marks 15

Expt -10 ; Lab Note book-3 ; Viva -2 : Total = 15

5.1 Unit-4: HTML Lab

- Add tables and frames in an HTML page.
- Decorate web pages using graphical elements.
- Work with HTML forms: text box, radio buttons, checkbox, password, list, combo box.

5.3. Unit-5: Programming in Python

- Find whether a string is a palindrome or not.
- Given two integers x and n, compute x^n .
- Compute the greatest common divisor and the least common multiple of two integers.
- Test if a number is equal to the sum of the cubes of its digits. Find the smallest and largest such number.