KENDRIYA VIDYALAYA SANGATHAN (MUMBAI REGION)
Half Yearly Examination (2018-19)
Class XI
Informatics Practices (Code 065)
Blue Print

Max Marks: 70   **Time Duration: 3 Hrs.**

UNIT	CHAPTER	VSA 1 Mark	SA I 2 Marks	SA II 3 Marks	LA 4 Marks	TOTAL MARKS
1	**BASIC COMPUTER ORGANIZATION**					
	Describe a computer system and mobile system, CPU, memory, hard disk, I/O, battery, power, transition from a calculator to a computer.	4	3	-	-	10
2	**BASIC PYTHON PROGRAMMING**					
	Familiarization with the basics of Python programming: a simple "hello world" program, process of writing a program, running it, and print statements; simple data-types: integer, float, string	2	2	-	-	06
	Introduce the notion of a variable, and methods to manipulate it (concept of L-value and R-value)	-	1	-	-	02
	Knowledge of data types and operators: accepting input from the console, assignment statement, expressions, operators and their precedence.	-	3	-	1	10
3	**CONTROL FLOW IN PYTHON AND PROGRAMMING**					
	Conditional statements: if, if-else, if-elif-else, nested-if	-	1	1	-	05
	Notion of iterative computation and control flow: for, while, flowcharts, decision trees and pseudo code; write a lot of programs: interest calculation, EMI, tax calculation (examples from GST), standard deviation, correlation	1	2	3	2	22
4	**LISTS & DICTIONARIES**					
	Lists and dictionary: finding the maximum, minimum, mean; linear search on a list of numbers, and counting the frequency of elements in a list using a dictionary.	2	1	2	-	10
5	**TEXT HANDLING**					
	Text handling: compare, concat, and substring operations	1	2	-	-	05
	TOTAL	10x1 =10	15X2 =30	06X3 =18	03X4 =12	70