

KENDRIYA VIDYALAYA SANGATHAN : BANGALORE REGION

SESSION ENDING EXAMINATION 2019-20

CLASS XI -SESSION ENDING EXAMINATION COMPUTER SCIENCE BLUE PRINT

SL NO	Unit	TOPICS	KNOWLEDGE				UNDERSTANDING				REASONING				SKILL				TOTAL (Q)	MARKS	
			VSA(1)	SA1(2)	SA2(3)	LA(4)	VSA(1)	SA1(2)	SA2(3)	LA(4)	VSA(1)	SA1(2)	SA2(3)	LA(4)	VSA(1)	SA1(2)	SA2(3)	LA(4)			
1	Computer System Organisation	Basic Computer Organisation	1																1	10	
2		Types of Software																			0
3		Memory Units					1														1
4		Boolean Logic						1													1
5		Information representation													1						1
6		Strings					1														1
7		Basic concepts of Flowcharts														1					1
8		Concept of Interpreter and Compiler																			0
9		Running a Program																			0
10		Concept of Cloud and Parallel computing						1													1
		<b>TOTAL QUESTION IN UNIT - 1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>7</b>		
11	Computational thinking and Programming	Basics of Computational Thinking	1																1	35	
12		Tokens and Comments					1	1								1			3		
13		Conditional Statements														1			1		
14		Iterative Computation						2								1		1	4		
15		Idea of debugging					1												1		
16		Lists Tuples and Dictionaries					2										1		3		
17		Sorting Algorithm																1	1		
18		Strings					1										1		2		
		Introduction to Python Modules	1				1												2		
		<b>TOTAL QUESTION IN UNIT - 2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>18</b>			
19	Data Management	Relational Database Management Concepts						1											1	15	
20		DDL/DML Commands													1	1			2		
21		SELECT Queries					2								4				6		
		Aggregation Functions					1								1				2		
		Basics of NoSQL						1											1		
		<b>TOTAL QUESTION IN UNIT - 3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>12</b>			
22	Society Law, Ethics and Cyber Security	Cyber Safety						1											1	10	
23		Appropriate use of Social Networks	1						1										2		
24		Safe Accessess of Websites						1											1		
25		Safe Communication of Data						1											1		
		<b>TOTAL QUESTION IN UNIT - 4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>		
		<b>TOTAL QUESTIONS (UNIT 1+UNIT 2+UNIT 3+UNIT 4)</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>42</b>	<b>70</b>	

SUMMARY

	VSA(1)	SA1(2)	SA2(3)	LA(4)	Q	M
KNOWLEDGE QUESTIONS	4	0	0	0	4	4
UNDERSTANDING QUESTIONS	10	11	1	0	22	35
REASONING QUESTIONS	0	0	0	0	0	0
SKILL QUESTIONS	7	5	2	2	16	31
Total Questions	21	16	3	2	42	70
Marks	21	32	9	8		70