FIRST YEAR HIGHER SECONDARY EXAMINATION, MARCH -2017

(Scheme of valuation)

SUBJECT : COMPUTER SCIENCE   CODE: NO 619

Qn No.	Sub Qns	Answer Key /Value Points	Score	Total
				1
1		9E		1
2	a	Registers-Cache-RAM-Hard disk	½	
	b	Freeware- free of charge, available for use for unlimited period	½	1
		Shareware- distributed on trial basis / sharing	½ + ½	
3		C- Others has only one entry flow & one exit flow		1
		OR	½ + ½	
		B- Used for both Iinput and Output	1	1
4	a	do while loop / Exit controlled loop	1	1
	b	1 3 7 9	1	1
5		85	1	1
6		isalnum()	1	1
7	a	gateway	1	1
	b	Rules and regulations folllowed on network / set of rules	4 x ½	2
8		Worm – C Hacking – B Phishing – D Spam - A		2
9		$(11011010)_2$	1	
		Binary Form	1	
		2's compliment	2	
10		Correct algorithm / program (Partially correct – 1 score)	OR	2
		OR	2	
		Correct flowchart (Partially correct – 1 score)		
11		For identifying A and C asInvalid	½ + ½	2
		Reason for each	½ + ½	
12		3	1	2
		(a+b+c)/3.0 or float (a+b+c)/3 or int a,b, c replaced by float a,b,c or use of type casting	1	
13		For identifying diagonal elements using loop	1	
		For addiotion of elements	1	2
		OR	OR	
		Proper syntax and proper loop	1 + 1	
14		We can input string with white space	2	
		OR	OR	2
		Proper example with explanation	2	

½

15		111 (If use the word recursive function – 1 score) (Any relevant attempt to solve the problem – 1 ½ score)	2	2
16		For each comparison – 1 score each OR Three features of any three generations	1+ 1+1 OR 1+1+1	3
17		Correct use of gates Proper conection OR Correcrt use of laws for derivation Specification of laws	2 1 OR 2 1	3
18		Correct Explantion (Partially Correct – give appropriate mark)		3
19		Preprocessor directive Header files Main() function (if write names only give 1/2+1/2+1/2)	1 1 1	3
20		Proper steps and use of nesting or use of program		3
21		Any one proper distinction point Example for each type of call and explanation OR Correct example	1 1+1 3	3
22		Explanation of any 3 types	1+1+1	3
23		Sender- SMTP server – internet- receiving server- placed in recipient's mailbox- checks mailbox- read mail OR If write about e-mail Structure of e-mail or diagramatic representation	½ x6 1 ½ 3	3
24		Block diagram Explanation of units	2 3	5
25		Correct program structure, declaration,I/O statement Correct logic OR Correct program structure, declaration,I/O statement Correct logic	1+1+1 2 1+1+1 2	5