SHEIK FATHIMA GIRLS MATRIC HIGHER HR.SEC.SCHOOL - ARANTHANGI

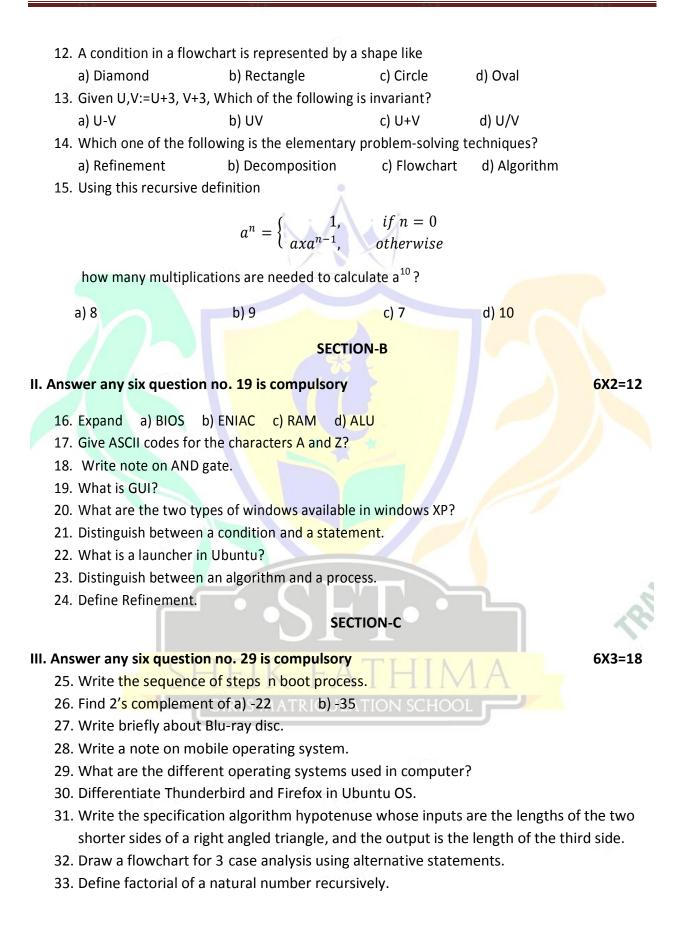
MODEL QUARTERLY EXAM QUESTION PAPER 2019-2020

Grade: 11 Sub: Computer science Timed allowed: 2.30 hrs. Maximum marks: 70

SECTION-A

I Choose the best answer				15X1=15
1.	. Which component is used in the second generation computer?			
	a) Vacuum tube	b) Transistor	c) Integrated Circuit	d) Microprocessor
2.	Which one of the following coding system is integrated with Unicode?			
	a) BCD	b) ASCII	c) EBCDIC	d) ISCII
3.	Match the following			
	a) CDROM	- <u>1. 4.7 G</u> B		
	b) DVD	- 2. 500 GB		
	c) Flash memory	- <u>3. 7</u> 00 MB		
	d) Blu ray disc	- <u>4. 2</u> TB		
	a) 3214	b) <mark>3142</mark>	c) 4123	d) 12 <mark>34</mark>
4.	4. Which of the following was developed by Google			
	a) Android TV	b) An <mark>dro</mark> id Auto	c) Android <mark>we</mark> ar	d) All of these
5.	Which icon in windows 10 is same as 'My computer' in windows 8?			
	a) Pc	b) My Pc	c) This Pc	d) Computer
6.	6. Which icon is clicked to see disk drives mounted in windows 7?			
	a) Computer	b) My computer	c) Drive icon	d) Device driver
7.		he default application in Ubuntu similar to MS-Excel in window is		
	a) Spread sheet		e c) Open office calc	d) Star office calc
8. If i:=7 before the assignment, i=i*2. The value of I after the as				
		b) 7	c) 14	d) 49
9.	9. What are the values of variables m and n after the assignment in line 1 and			
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	2 m n:=? ?			
	3. m,n:=m+3,n-1 4 m.n:= ? ?			
		b) 122 and 140	c) 152 and 110 d) 120	and 150
10	a) 123 and 153 b) 123 and 149 c) 153 and 119 d) 120 and 150 10. Which refers to the software in which the source code is available for free			
10.			ce d) Anytime source	i liee
11	<u> </u>		etailed step is known as	
÷1.	a) Composition	-	c) Abstraction d) Refin	ement
		S, Becomposition		

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SECTION-D

IV. Answer the following questions in detail. 5X5=25 34. Explain the basic components of a computer with a neat diagram. (or) Explain the following a) Inkjet Printer b) Multimedia projector c) Barcode/QR code 35. a) Write the procedure to convert fractional Decimal to Binary b) Convert (98.46)₁₀ to binary (or) Explain the fundamental gates with expression and truth table. 36. Explain about the secondary storage devices. (or) Explain the process management algorithms in operating system. 37. Explain the versions of Windows operating system. (or) Explain control flow statements. 38. Briefly discuss Refinement. (or) Power can also be defined recursively as $\begin{array}{c} 1 & if \ n = 0\\ axa^{n-1} & if \ n \ is \ odd \\ and a \\$ $a^{\overline{2}}xa^{\overline{2}}$ if n is even Construct a recursive algorithm using this definition How many multiplications are needed to calculate a¹⁰? Prepared by Ms.M.Surendra B.Sc., M.E., **Computer Science Teacher** S.F.T.G.Hr.Sec.School, Aranthangi-614 616.