INTRODUCTION TO IT SYSTEMS

Time Allowed: 2.5 Hours

Full Marks: 60

Answer questions from Group-A, B & C as directed.

GROUP-A

1. Choose the correct a	1 X 10 = 10								
(i) A web browser is an application that is used to									
(a) find and retrieve webpage. (b) send e-Mail (c) prepare a document (d) none of these.									
(iii) In any search engine user can									
(a) use of two	or more keyword	s (b) use	of + (c) use of A	and (d) All of these.					
(iii) A small program that gets loaded in the computer without the user knowledge and replicate									
itself repeatedly called:									
(a) Worms	(b) Virus	(c) Browser	(d) None of these.						
(iv) What is the term for unsolicited email?									
(a) Spam	(b) Worm	(c) Browser	(d) News Group.	-					
Rules to exchange data between computers are called									
(a) Procedure	(b) protocols	(c) hyperlink	(d) program						
(vi) CPU scheduling is the basis of									
(a) Large memory size system		(b) Multiprogramming system							
(c) Multiprocessing system		(d) none of the above.							
(vii) Which of the following errors will be handled by the operating system?									
(a) Lack of paper in printer		(b) Connection failure in the network							
(c) Power failure		(d) All of the mentioned above.							
(viii) Decimal equivalent of 16 in hexadecimal									
(a) 22 ₁₀	(b) 16 ₁₀	(c) 10 ₁₀	(d) 20 ₁₀						
(ix) The number of bits used to store a BCD digit is									
(a) 2	(b) 1	(c) 4	(d) 8						
What is the resultant binary equivalent of the decimal problem $49 + 1 =$									
(a) 001100		010101 (c)	00110001	(d) 00110101					

K	(i) Flowcharts and	Algorithms are	used for						
·	(a) better programming		(b) easy testing and debugging						
	(c) efficient coding		(d) all of these	(d) all of these.					
(×	(i) Which of the fo	ollowing HTML	tag is used for i	nserting t	he larges	st heading in H	TML?		
	(a) <h1></h1>	(b) <h3></h3>	(c) <h5></h5>	(d) < h6	5>				
(x	iii) In how many	way can CSS be	written in?						
	(a) 1	(b) 2	(c) 3	(d) 4					
(x	When a user we executes the s	views a page con scripts?	ntaining a JavaS	cript prog	ram, wh	ich machine a	ctually		
	(a) The user m	achine running	a web browser		(b) The	e web server			
	(c) A central n	nachine deep wi	ithin Netscape o	ffice	(d) nor	ne of the above	•		
(xv) Which of the f	ollowing is not	a cybercrime?						
	(a) Denial of S	Service (b) M	an in the middle	(c) Ma	lware	(d) AES.			
2. <u>Fill</u>	in the Blanks (A	ny Ten):					1 X 10 =	10	
i.		is a type of	software that is	embedde	ed in har	dware.			
ji	Universal gates	s are those gate	es that can be us	sed for in	nplemen	ting any	func	tion	
//	without any oth		-		online.	com			
√lii.	A + 0 = A is an example of Law. The Operating System is responsible for interacting with hardware.								
iv.	In sch								
	in sci		tempt to make a					ed.	
vii.			stored in the roo						
viii.	A group of four								
ix.	The advantage	of DRAM ove	r SRAM is that	it is	, (can hold more	data per chir	and	
-	generate less he				1				
X.	_	software is m	achine indepen	dent.					
xi.			automatically of			names into IP	addresses.		
xii.	Gray code equi	valent of 1001	in Binary code	is			ithin a daanm	aont	
nî.	A langua	age is compute	r language that	uses tags	to defin	ne elements w	itnin a docum	nd is	
χίν.	When designing			the pro	cess is	depicted by	a o	مر ا	
	associated with	a short descrip	otion.						
xv.	Number of type	es of errors in J	lavaScript's is		<u>~</u> ·				



