S.D.E.

M.C.A. Sem - VI : SUMMER - 2019

SUBJECT : COMPREHENSIVE EXAMIANTION – I (OBJECTIVE TYPE)

Day Date	:	Thursday 09/05/2019	S-2019-5288	Time : Max. Ma	02.00 PM TO 05.00 PM rks: 100				
N.B.									
	1) 2) 3)	Each question carries TWO	MARKS.	ok.					
Q.1	TI	OM stands for							
V.1	a)	Time Division Multiplexing	-	Total Data modulation					
	c)	Time Data and modulation	d)	None of the above					
Q.2	BS	SC is a							
	a)		,	Hardware					
	c)	Bit oriented protocol	d)	None of the above					
Q.3	A]	RP stands for							
	a)	Address Resolution Protoco	b)	Area Related Protocol					
	c)	Advanced Route Protocol	d)	None of the above					
Q.4	W	Thich of the following is not a new	etwork laver?						
	a)		b)	Data link layer					
	c)	Transport layer	d)	File access layer					
Q.5	W	hich of the following is not a ty	vne of network to	nnology?					
V.C	a)		b)	Ring topology					
	c)		d)	Star topology					
Q.6	Eť	hernet frame consists of							
Q.0	a)		b)	IP address					
	c)		d)	None of the mentioned					
Q. 7	W	hat is Inter Frame Gap?							
V• '	a)		s b)	Idle time between frames					
	c)	Idle time between packets	ď	None of the mentioned					
Q.8	In	cryptography what is cipher?							
~	a)								
	b)	Algorithm for performing en	ncryption and de	cryption					
	c)	Packet							
	d)	None of the mentioned							
Q.9	W	hat is operating system?							
	a) Collection of programs that manages hardware resources								
	b)			_					
	c)	System service provider to t All of the mentioned	the application pi	rogram					
	d)	An or the mentioned							
Q.10	If	a process fails, most operating	system write the						
	a)	Log file	b)	New file					
	c)	Another running process	d)	None of the mentioned	P.T.O.				

Q.11 Which one of the following is a synchronization tool?		ool?					
	a)	Semaphore	b)				
	c)	LAN	d)	None of the mentioned			
Q.12	Which of the following condition is required for deadlock to be possible?						
	a)	Mutual exclusion					
	b)	A process may hold allocated resources	urces	while awaiting assignment of other			
	c)	No resource can be forcibly removed fr	om a	process holding it.			
	d)	All of the mentioned					
Q.13	Logical memory is broken into blocks of the same size called						
	a)	Source code	b)	Frames			
	c)	Pages	d)	None of the mentioned			
Q.14		n paging there is no fragmentation					
	a)	Internal	b)	External			
	c)	Logical	d)	None of the mentioned			
Q.15		ware design consists of?					
	a)	Software product design					
	b)	Software engineering design	***				
	c) d)	Software product and engineering designment of the mentioned	311				
	,						
Q.16		ch of these is not project development ac	-				
	a)	Planning	b)	Organizing			
	c)	Operating	d)	Trading			
Q.17	Risk Analysis is an orderly process for						
	a)	Identification of risk	b)	Understanding risk			
	c)	Assessing risk	d)	All of the mentioned			
Q.18	The	·		D. 1 . 1			
	a)	BCD Logical	p)	Decimal None of the mentioned			
	c)	Logical	d)	None of the mentioned			
Q.19		is used to store data in registers.	1. \	V.D.			
	a) c)	D flip flop Memory	b) d)	K Register None of the mentioned			
	C)	Memory	u)	None of the mentioned			
Q.20	·						
	a) c)	4 bytes 0 bytes	b) d)	8 bytes None of the mentioned			
	,	•	,				
Q.21	Which keyword in 'C' is used to prevent any changes in the variable within a 'C'						
	prog		L)	Dandam			
	a)	Const Double	9)	Random None of the mentioned			
	c)	Double	d)	none of the mentioned			
Q.22		rray of similar data types which themsel					
	a) c)	Trees Array of structure	b) d)	Database None of the mentioned			
	C)	Turay of Sudeline	u)	rone of the mentioned			
Q.23		preprocessors can have compiler specific					
	a) c)	True Depends on the program	b) d)	False None of the mentioned			
	~,	- aboutes ou and brogram	u,	rone or the inclination			

Q.24	4 Which of the following cannot be a variable name in 'C'.			e in 'C'.
	a)	Volatile	b)	True
	c)	Friend	d)	Export
Q.25	Basi	s path testing falls under		
	a)	System testing	b)	White box testing
	c)	Black box testing	d)	Unit testing
Q.26	6 The factors that determine the quality of a software system are			
	a)	Correctness, reliability		
	b)	Efficiency, usability, maintainability		
	c)	Testability, probability, accuracy, error	toler	rance, access control, audit
	d)	All of the mentioned		
Q.27	Whi	ch one of the following is not a software	_	
	a)	Waterfall model	,	Prototyping model
	c)	Incremental model	d)	Star model
Q.28	Whi	ch one of the following is not a feature o	of C+	+.
	a)	Inheritance	b)	Polymorphism
	c)	System approach	d)	Encapsulation
Q.29	Ada	ptive maintenance is a maintenance which	ch	
_	a)	Correct errors that were not discovered		esting phase
	b)	Is carried to port the existing software t	to a n	ew environment
	c)	Improves the system performance		
	d)	All of the mentioned		
Q.30	The	directory structure used in Unix File Sys	stem i	is called as
	a)	Hierarchical directory	b)	Graph structure directory
	c)	Tree structured directory	d)	None of the mentioned
Q.31	The	UNIX command \$vifile1file2.		
	a)	Edits file 1 and stores the contents of fi		
	b)	Both files i.e. file 1 and file 2 can be ethe files	edited	l using 'ex' command to travel between
	c)	Both files can be edited using 'mv' con	nman	d to move between the files
	d)	Edits file 1, saves it and then edits file 2		a to me ve convects the fines
Q.32	Unix	c operating system is mostly written in		
2.02	a)	C-language	b)	VB
	c)	РНР	d)	None of the mentioned
Q.33	Inter	preter converts the source code		
	a)	Whole program at a time	b)	Line by line
	c)	Bit by bit	d)	None of the mentioned
Q.34	Whi	ch of the number is not allowed in binary	z renr	resentation of a number?
Q.C.	a)	0	b)	1
	c)	2	d)	None of the mentioned
Q.35	The	octal number has base		
V.22	a)	2	b)	4
	c)	8	d)	12
			ŕ	
Q.36		ch of the following is subset of $\{1,2,3,4\}$		(4.0.0)
	a)	{1,2}	b)	{1,2,3}
	c)	{1}	d)	All of the mentioned
				4

Q.37	Decision support programs are designed to help managers make					
	a)	Business decisions	b)	Power point presentations		
	c)	Time schedule	d)	None of the mentioned		
Q.38	Dec	ision Tree is a display of an algorithm				
	a)	True	b)	False		
	c)	Cannot say	d)	None of the mentioned		
Q.39	Whi	ch of the following is not an operating s	ystem	1		
	a)	Unix	b)	Windows		
	c)	Compiler	d)	Linux		
Q.40	Which one of the following is not a type of address?					
	a)	Logical address	b)	Physical address		
	c)	Printer address	d)	None of the mentioned		
Q.41	The page table contains					
	a) b)	a) Base address of each page in physical memoryb) Page size				
	c)	Memory map				
	d)	None of the mentioned				
Q.42	Whi	ch unit is responsible for converting the	data	received from the user into a computer		
		erstandable format?	1.	Outrat 14		
	a)	Arithmetic and logic unit	b)	Output unit		
	c)	Input unit	d)	Memory unit		
Q.43		smallest unit of data is called	L)	Duto		
	a)	Bit	p)	Byte		
	c)	KB	d)	word		
Q.44		J stands for	1.5	Wintered detection with		
	,	Virtual display unit	•	Virtual detection unit		
	c)	Visual display unit	d)	Vital data unit		
Q.45	Components that provide internal storage to the CPU are					
	a)	Registers	b)	Internal chips		
	c)	Monitors	d)	None of the mentioned		
Q.46		ch one of the following is non-volatile st	_			
	a)	Secondary memory Cache memory	9)	Primary memory None of the mentioned		
	c)	Cache memory	d)	None of the mentioned		
Q.47	The a)	hexadecimal representation of 14 isA	—· —·	F		
	a) c)	D	d)	E		
	ŕ		,			
Q.48	What are the entities whose values can be changed are called? a) Constants b) Variables					
	,	Tokens	,	Modules		
	c)		d)	wountes		
Q.49		ch of the following is not a data type in 'Float		Int		
	a)	Char	9)	Real		
	c)	Chai	d)	Neal		
Q.50		at does FORTRAN stands for? Formula translation	۲ı	Format transfer		
	a) c)	Formula transfer	b) d)	None of the mentioned		
	~,	i official transfer	u,	rone of the inclinion		