ENTRANCE EXAMINATION FOR ADMISSION, MAY 2013.

M.Tech. (COMPUTER SCIENCE AND ENGINEERING)

COURSE CODE: 376

Register Number :		
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	,	Signature of the Invigilator (with date)
		. •

COURSE CODE: 376

Time: 2 Hours

Max: 400 Marks

Instructions to Candidates:

- 1. Write your Register Number within the box provided on the top of this page and fill in the page 1 of the answer sheet using pen.
- 2. Do not write your name anywhere in this booklet or answer sheet. Violation of this entails disqualification.
- 3. Read each of the question carefully and shade the relevant answer (A) or (B) or (C) or (D) or (E) in the relevant box of the ANSWER SHEET <u>using HB pencil</u>.
- 4. Avoid blind guessing. A wrong answer will fetch you −1 mark and the correct answer will fetch 4 marks.
- 5. Do not write anything in the question paper. Use the white sheets attached at the end for rough works.
- 6. Do not open the question paper until the start signal is given.
- 7. Do not attempt to answer after stop signal is given. Any such attempt will disqualify your candidature.
- 8. On stop signal, keep the question paper and the answer sheet on your table and wait for the invigilator to collect them.
- 9. Use of Calculators, Tables, etc. are prohibited.

1.	Files	s in an EFS partition are							
	(A)	Compressed	(B)	Archived					
	(C)	Encapsulated	(D)	Encrypted					
	(E)	None of the above							
2.	Who	brought the concept of punch cards to	o cont	rol patterns of a weaving n	nachine?				
	(A)	Pascal	(B)	Hollerith					
	(C)	Babbage	(D)	Jacquard					
-	(E)	None of the above							
3.	CSM	IA/CD stands for							
	(A)	(A) Complete System for Media Attenuation and Collision Detection							
	(B)	(B) Collision Signaling - Message Access / Collision Detection							
	(C)	Carrier Sense Multiple Access / Colli	ision l	Detection ·	,				
	(D)	Carry Signal Method Access / Compl	lete D	etection					
	(E)	None of the above							
4.		accuracy of the floating-point numb puter is approximately 16 digits 9 digits None of the above	ers re (B) (D)	presentable in two 16-bit 6 digits All of the above	words of				
5.	A dı	ımb terminal has							
	(A)	An embedded microprocessor	(B)	Extensive memory					
	· (C)	Independent processing	(D)	A keyboard and screen					
	(E)	None of the above		<i>2</i>					
6.	· 	defines the records contain	ned w	ithin a block of data on ma	gnetic tape				
	(A)	Block definition	(B)	Record contain clause	ŧ				
	(C)	Blocking factor	(D)	Record per block factor					
	(E)	None of the above							
7.	The	case which is not exist in complexity	theory	, is					
••.	· (A)	Best case	(B)	Worst case					
	(C)	Average case	(D)	Null case					
	(E)	None of the above	(~)						

	8.	The	e complexity of linear se	arch algorith	m io			
	((A)	O(n)	arou aigoittii		31		
	((C)	O(n2)		•	3)	O(log n)	
	(Έ)	None of the above		(I	<i>)</i>)	$O(n \log n)$	· .
9). V	Vhi	ch of the following state	ement is falso	.9			
-	(4	A)	Arrays are dense lists	and static do	ta at-			
	(]	B)	Data elements in linke	ed list need n	ua su	ruc	ture	
	((C)	Data elements in linker Pointers store the next	: data alomon	or be	sto	red in adjecent space	in memory
	(I)) .	Linked lists are collect pointer	tion of the no	odes t	tha	st it contain information	n part and next
	(E	2)	None of the above					
.10). He	ow ria]	many numbers of sepa interface gateway?	rate protoco	l laye	ers	are specified in X.2	5 standard for
٠.	(A)		4		•			
	(C))	6		(B)	2		•
	(E))]	None of the above		(D)	3	;	•
11.			line in suited for int	eractive trai	nsmis	ssic	on of data within a	time sharing
	(A)		Simplex lines		(B)	Н	alf-duplex lines	
•	(C)		full duplex lines		(D)		iflex-lines	
	(E)	N	Vone of the above		•			
12.	Sele	ect	the correct statement?					
	(A)	T	he difference between ocking derived from the	synchronous data in sync	and	a	synchronous transm	ission is the
	(B)	TT	alf duplex line is a crections, but not at the	Ommunication	n lin	e i	in which data can	move in two
	(C)		eleprocessing combines	Table Value				
	(D)		atch processing is the eration				*	
	(E)		one of the above				·	
								to a

13.	The	communication line which does not p	ermit :	multi user or resources is
	(A)	doubleplexer	(B)	multiplexer
	(C)	concentrator	(D)	controller
	(E)	none of the above		
14.	And	example of digital, rather than analog	comn	nunication is
17.	(A)	DDD	(B)	DDS
	(A) (C)	WATS	(D)	DDT
	(E)	None of the above	(D)	DDT
15.	Whe	en the RET instruction at the end of s	ubrout	tine is executed,
	(A)	the information where the stack is i	nitiali	zed is transferred to the stack pointer
	(B)	the memory address of the RET counter	instru	action is transferred to the program
	(C)	two data bytes stored in the top two program counter	locati	ons of the stack are transferred to the
	(D)	two data bytes stored in the top two stack pointer	locati	ions of the stack are transferred to the
	(E)	none of the above		
16.	Wha	at is a FDDI network?		
	(A)	Bus network	(B)	EMI susceptible network
	(C)	Star network	(D)	Ring network
	(E)	None of the above		
17.	The	function of a database is		
	(A)	to check all input data	(B)	to check all spelling
	(C)	to collect and organize input data	(D)	to output data
	(E)	None of the above		
18.	The	model for a record management syste	em miş	ght be
	(A)	handwritten list	(B)	a rolodex card file
	(C)	a business form	(D)	all of the above
	(E)	none of the above		

•	(A)	Print		(B)	Sort
	(C)	Look-up	,	(D)	All of the above
	(E)	None of the above		-	
20.	Whi	ch file organization is allov	wed by a dir	rect ac	ecess storage device?
	(A)	Direct only		(B)	Sequential and direct only
	(C)	Indexed and direct only		(D)	Sequential, indexed and direct
	(E)	None of the above		· .*	
21.	Sequ	uential file organization is	most appro	priate	for which of following applications?
	(A)	Grocery store checkout		(B)	Bank checking account
	(C)	Payroll		(D)	Airline reservations
	(E)	None of the above			
22.	Ove	rloaded functions are	-		
	(A)	Very long functions that	can hardly	run	
	(B)	One function containing	-		ore functions inside it.
	(C)	• -			ne but different number of parameters
	(D)	All of the above			
	(E)	None of the above			
		•	•		
23.	Wha	it is the Output of the prog	ram?		
	void	main()			
	{ prin	static int i=i++, j=j++, k= tf("i = %d j = %d k = %d", i			
	}				
	(A)	i = 1 j = 1 k = 1	•	(B)	$\mathbf{i} = 2 \mathbf{j} = 2 \mathbf{k} = 2$
	(C)	i = 0 j = 0 k = 0		(D)	Error
*	(E)	None of the above			
24.	Whi	ch of the following is not a	characteris	stic of	a relational database model?
	(A)	Tables		(B)	Treelike structure
	(C)	Complex logical relations	ships	(D)	Records
	(E)	None of the above		•	
•					277

19. Primitive operations common to all record management system include

25.	Dat	a security threats include		
	(A)	Hardware failure	(B)	Fraudulent manipulation of data
	(C)	Privacy invasion	(D)	All the above
	(E)	None of the above		
26.	Whi	ch of the following is not a relati	onal databa	ase?
	(A)	dBASE IV	(B)	4 th Dimension
	(C)	FoxPro	(D)	Reflex
	(E)	None of the above	(2)	
07	m.		·	1
27.	0's i		ings or Us	and 1's with at least two consecutive
	(A)	(1+10)*	(B)	(0+1)*00(0+1)*
		(0+1)*011	(D)	0*1*2*
	` '	None of the above	()	
28.	The	regular expressions denote zero	or more ins	stances of an x or y is
	(A)	(x/y)	(B)	(x/y)*
	(C)	x*/y	(D)	(xy)*
	(E)	None of the above		
29.	The	regular expression have all strin	gs of 0's an	d 1's with no two consecutive 0's is
	(A)	(0/1)	(B)	(0/1)*
٠	(C)	(0+E)(1+10)*	(D).	(0+1)*011
	(E)	None of the above	(=)	
30.		regard to the exclusive OR ga	ate with n	nany inputs, consider the following
	(i)	If the inputs are two, the outpu	t is high on	lly when the inputs are different
	(ii)	Even parity input words produc	ce a low out	put.
	(iii)	Odd parity input words produc	e a low outr	- out.
	(iv)	The gate recognizes only words	of even par	rity.
		hese, the only true statements ar	-	- -
•	(A)	(i), (ii)	(B)	(iii), (iv)
	(C)	(i), (iii)	(D)	(ii), (iv)
	(E)	None of the above	` '	

31.	Excl	usive OR followed by an inverter has the property
	(A)	Output high for input word of even parity
	(B)	Output high for input word of odd parity
	(C)	Output is 1's complement of input word
	(D)	Output is 2's complement of input word
	(E)	None of the above
32.		nary multiplication is to be implemented by using a two input gate then if ld be
	(A)	an Exclusive OR gate (B) a NOR gate
	(C)	an AND gate (D) an OR gate
	(E)	none of the above
33.	Thro	oughput using a half-duplex protocol
	(A)	exceeds that of a full-duplex protocol
	(B)	is less than that of a full-duplex protocol
	(C)	equals throughput on a full-duplex protocol
	(D)	is faster than all other types of protocols
	(E)	None of the above
	m)	
34.		varying characteristics of transmission lines
	(A)	enable a fixed block size to be optimum for use on all circuits
	(B)	enable a long block size to be optimum on noisy circuits
	•	enable a variable block size to be optimum for use on all circuits
	(D)	enable a short block size to be optimum on non-noisy circuits
	(E)	none of the above
35.	Wha	t PPP protocol provides dynamic addressing, authentication, and multilink?
	(A)	HDLC (B) LCP
	(C)	NCP (D) X.25
	(E)	None of the above
36.	Wha	at does DSSSL stand for?
	(A)	Document style semantics and specification language
٠.	(B)	Design style semantics and specification language
•	(C)	Development style semantics and specification language
	(D)	All the above
	(E)	None of the above

- 37. The following is/are true about HTTP.
 - It is a generic stateless object oriented protocol
 - (B) An application level protocol for the www
 - (C) HTTP supports dynamic data representation through Client-Server negotiation
 - (D) All the above
 - (E) None of the above
- 38. What is the Output of the program?

```
#include<stdio.h>
int r();
int main(){
  for(r();r();r()) {
     printf("%d ",r());
  return 0;
  int r(){
  int static num=7;
  return num--;
(A)
     5
          2
```

- 2 (C)
- **(E)** None of the above

- (B)
- (D) Compilation Error
- 39. What is the Output of the program?

```
#include<stdio.h>
#define p(a,b) a##b
#define call(x) #x
int main(){
  do{
     int i=15, j=3;
     `printf("%d",p(i-+,+j));
  while (*(call(625)+3));
  return 0;
```

- (A) 13
- (C) 12
- **(E)** None of the above

- (B) 11
- (D) 15

```
40.
     What is the Output of the program?
     main(){
      int a = 0; int b = 20; char x = 1; char y = 10;
      if(a,b,x,y)
          printf("hello");
     (A)
          Blank
                                                     hello
                                                (B)
     (C)
          "hello"
                                                     Error
          None of the above
     (E)
41.
     What is the Output of the program?
     main()
     char *p;
     p="%d\n";
               p++;
               p++;
               printf(p-2,300);
     (A) 2,300
                                                      8,300
                                                (B)
     (C)
          300
                                                     Error
          None of the above
42.
     Consider a set of n tasks with known runtimes r_1, r_2, r_3, \ldots, r_n to be run on a
     uniprocessor machine. Which of the following processor scheduling algorithms will
     result in the maximum throughput?
     (A)
          Round - Robin
                                                (B)
                                                     Shortest - job - First
     (C)
          Highest - Response - Ratio - Next
                                                     First - Come - First - Served
                                                (D)
          None of the above
     (E)
     Where does the swap space reside?
43.
                                                     ROM
     (A)
          RAM
                                                (B)
     (C)
          DISK
                                                     On-Chip Cache
     (E)
          None of the above
```

44.		nsider a virtual memory system with FIFO page replacement poli- pitrary page access pattern, increasing the number of page frames in ma ll	
	(A)	Always decrease the number of page faults	. *
	(B)	Always increase the number of page faults	
	(C)	Sometimes increase the number of page faults	
	(D)	Never affect the number of page faults.	
	(E)	None of the above	
45 .	Wha	nat is the Output of the program?	·
	void {	d main()	· ·
•		char a[]="12345\0"; int i=strlen(a); printf("here in 3 %d\n",++i);	
	}	,	
	(A)	here in 3 6 (B) here in 3 5	
	(C)	here in 3 7 (D) Error	
	(E)	none of the above	
46.		nat is the maximum number that can be printed using printf(" $%d$ ", x) at x is initialized as shown below?	, assuming
	shor	ort int x; assume x is 16 bits in size	
	(A)	127 (B) 255	
	(C)		. •
	(E)		
47.		obal variables that are declared static are ——————, which dowing correctly completes the sentence above.	one of the
	(A)	Allocated on the heap	
	(B)	Read only subsequent to initialization	
•	(C)	Internal to the current translation unit	
	- (D)	Visible to all translation unit	•
	(E)	None of the above	

48. What is output of following program when we compile and run it? void main() int const * p=5: printf("%d",++(*p)); (A) 6 (C) 9 (D) 7 **(E)** None of the above **49**. The state of the system that can allocate resources to each process in some order and still avoid the deadlock is called (A) Unsafe state (B) Safe state (C) Starvation (D) Greedy allocation **(E)** None of the above **50**. The kernel of the operating system remains in the primary memory because (B) it manages all interrupt calls (A) it is mostly called (used) (D) it is low level it controls all operations in process none of the above A process that is based on IPC mechanism which executes on different systems and can communicate with other processes using message based communication is called (A) Local Procedure Call **(B) Inter Process Communication** (C) Remote Procedure Call (D) Remote Machine Invocation **(E)** None of the above Global variables that are declared static are **52**. (A) Deprecated by Standard C (B) Allocated on the heap (C) Visible to all translation units Read-only subsequent to initialization None of the above **(E)**

53.	int x	·				
	if(x=			٠		
	if(x=	X=0; ==3)				
	TI(X	X++;				
	else	x+=2;				·
	Wha	at value will x contain	when the samp	ple code	above is executed?	•
	(A)	3		(B)	2	
•	(C)	1		(D)	4	
	(E)	None of the above				
54.	Wha	at is the Output of the	program?		•	
	mai	n()				
	{	•				
		int a[10]; printf("%d",*a+1-*a+	+3);	٠.	•	·
	}					
	(A)	Value of a[0]		(B)	4	•
	(C) .	Base value of a[10]		(D)	Error	· •
	(E)	None of the above		*	•	
55 .	Whi	ch of the following sor	ting algorithm	is of di	vide-and conquer to	ma?
<i>5</i> 0.	•	Bubble sort	ting algorithm		Insertion sort	ype:
	(A)	• •		(B)		
	(C)	Quick sort		(D)	All of the above	
	(E)	None of the above				
56.	follo	S and Q be two sem owing statements wai ignal(Q);signal(S); res	it(S); wait(Q);	; sign	al(S);signal(Q) and	
	(A)	Semaphore	•	· (B)	Deadlock	
	(C)	Signal		(D)	Interrupt	• •
•	(E)	None of the above				•
		· •	•	~		
57 .		ne Disk head is located TS if the disk queue of				
•	(A)	310	LO DIGONO ICQ	(B)	324	
	(C)	315	•	(D)	321	
				(D)	0 4 I	
	(E)	None of the above	,			•

58.	Which of the following stack operations could result in stack underflow?						
	(A)	Peek	(B)	Pop			
	(C)	Push	(D)	All of the above			
	(E)	None of the above					
4			•				
59 .	Pref	ix equivalent of the expression ((A	+ B) * C -	- (D - E) ^ (F + G)) is			
	(A)	ABC - DE ^ - * FG + +	(B)	ABC ^ - * + DE - + FG			
-	·(C)	^ - * +ABC - DE + FG	(D)	All of the above			
:	(E)	None of the above					
60.	Wha	at is the data structure used to perf	orm recu	rsion?			
	(A)	Stack	(B)	Queue			
	(C)	Array	(D)	All of the above			
	(E)	None of the above					
61.	To n	neasure the complexity of the algori	ithm we	require			
	(A)	Time taken in best case	(B)	Time taken in worst case			
	(C)	Time taken in average case	(D)	All of the above			
	(E)	None of the above					
62.	Å na	arity check usually can detect					
ŭ _ .	(A)	One bit error	(B)	Double bit error			
	(C)	Three bit error	(D)	All of the above			
	(E)	None of the above	(-)				
63.		activity that verifies compliance wources are conserved is called	rith polic	ies and procedures and ensures that			
	(A)	Audit	(B)	Review			
•	(C)	Assessment	(D)	All of the above			
	(E)	None of the above		•			
64.	In li	inked lists, memory space will be al	located d	luring			
	(A)	Compile time	(B)	Run time			
	(C)	Preprocessing time	(D)	All of the above			
	(E)	None of the above					

65 .	The	effort required for locating and fixing	an er	ror in an operational program
	(A)	Testability	(B)	Maintainability
	(C)	Portability	(D)	All of the above
	(E)	None of the above		
66.	In a	circularly linked list organization, inse	ertion	of a record involves the modification of
	(A)	No pointer	(B)	1 pointer
	(C)	2 pointers	(D)	All of the above
	(E)	None of the above		
67.	The	postfix equivalent of the expression ((A + B) * $C - (D - E) / (F - G)$) is
	(A)	AB C +* – DE – FG –/	(B)	AB C+ * DE FG -/
	(C)	AB + C * DE – FG – / –	(D)	All of the above
	(E)	None of the above		
68.	Blue	etooth uses —————————————————————in the phys	sical la	ayer.
	(A)	DSSS	(B)	DHSS
	(C)	FHSS	(D)	OFDM
	(E)	None of the above		
69.	Whe	en a view is created, the database syst	em st	ores
	(A)	The definition of the view		
	(B)	The result of evaluation of the relative	ationa	l algebra expression that defines the
	(C)	The relations which are part of the v	riew	
	(D)	All of the above		
	(E)	None of the above		
70.		the given elements 15, 35, 46, 29, 2 parison required to determine that an		82, what is the average number of ent is not present in the above list?
	(A)	2	(B)	3
	(C)	4	(D)	All of the above
	(E)	None of the above		

71.	The	efficiency of algorithm can b	e determined in	terms of space factor is measured by
	(A)	Counting the maximum me	mory needed by	y the algorithm
	(B)	Counting the minimum me	mory needed by	the algorithm
	(C)	Counting the average mem	ory needed by t	he algorithm
-	(D)	Counting the maximum dis	k space needed	by the algorithm
	(E)	None of the above		
72.	Ethe			collision domains. How the hosts on an transmissions after a collision has
	(A)	The router on the segment	will signal that	the collision has cleared
	(B)	The jam signal indicates th	at the collision	has been cleared
	(C)	The hosts will attempt to re	esume transmis	ssion after a time delay has expired
	(D)	All of the above		
	(E)	None of the above	•	
		•		
73.	'At w	vhat layer data is split into s	egments	
	(A)	Transport	(B)	LAN
	(C)	Session	(D)	Data Link
	(E)	None of the above	` '	
	` '			
74.	Wha	at OSI layer is FRAME-REL	AV manned to?	
	(A)	Network	(B)	Transport
	(C)	Data Link	(D)	Physical
	(E)	None of the above	(-)	
	()			
75.	netv			apport and minimize overhead if the ent networks all using routers from
	(A)	OSPF	(B)	IGRP
•	(C)	EIGRP	(D)	RIP
	(E)	None of the above	•	
			*	

76 .	What is the disadvantage to using bridges in the network?							
	(A)	Filters by MAC address	(B)	Stops broadcast storms				
	(C)	Doesn't stop broadcast storms	(D)	All of the above				
	(E)	None of the above						
77.	Whi	ch of the following operating system	ms is	designed for servers used in a large				
	ente	erprise network?						
	(A)	Windows 2000 Client	(B)	Windows 2000 Advanced Server				
	(C)	Windows 2000 Server	(D)	All of the above				
	(E)	None of the above						
-								
77. 78.	Disk	Striping with Parity corresponds to	which	RAID level?				
	(A)	RAID 0	(B)	RAID 1				
	(C)	RAID 3	(D)	RAID 5				
	(E)	None of the above						
			•					
79.	Wha	What is a MAC address in an Ethernet network?						
	(A)	The address assigned by DHCP						
-	(B)	A TCP/IP address						
	(C)	The physical address assigned by th	ne NIC	manufacturer				
	(D)							
	(E)	None of the above						
	(—)	210110 01 0110 0100 0	-					
80	Com	nmunication ports use						
60.	(A)	9 / 25 pins male connectors	(B)	14 / 18 pin female connectors				
	(C)	14 / 25 pin male connectors	(D)	edge / parallel connectors				
	(E)	none of the above	(D)	edge / paraner connectors				
	(E)	none of the above	•					
81.		———— is the term used to referm unications with each other.	to the	e process of two modems establishing				
		Soft / Hard Handoff	(D)	Handshaking				
	(A)		(B)					
	(C) (E)	Pinging None of the above	(D)	Remote connecting				
	[14]	mone of the above						

82.	UAI	UART is a type of serial chip. Its letters stand for							
	(A)	unidirectional access regarding trai	nsmiss	ion	•				
	(B) universal asynchronous receiver/transmitter								
	(C)	upper advanced real transfer							
	(D)	unable all restore t-bits			•				
	(E)	none of the above							
		•							
83.	RS-	232 is a standard that applies to:	•						
•	(A)	serial ports	(B)	parallel ports					
	(C)	game ports	(D)	networks					
	(E)	None of the above							
84.	UAI	RT and RS-232 related to ———		and ———	- communications				
	resp	pectively.							
	(A)	Serial, Serial	(B)	Serial, Parallel					
	(C)	Parallel, Parallel	(D)	Parallel, Serial					
	(E)	None of the above							
85.	ISD	ISDN stands for — and it uses — technology.							
	(A)	internal select data nulls, only digit	tal						
	(B) integrated services digital network, only digital								
	(C) integrated services digital network, digital and analog								
	(D)	interior sector direct none, digital a	ınd ana	log					
	(E)	None of the above			•				
86.	Wha	at DOS program can we run to see wl	hich se	rial ports are detect	ed?				
	(A)	comdiag	(B)	MSD					
	(C)	SDET	(D)	serial.chk					
	(E)	None of the above	•		•				
87.	TSF	TSR refers to ———— and most of TSRs can be loaded in ————.							
	(A) terminate and stay resident program, autoexec.bat								
	(B) terminate and stay resident program, tsr.sys								
,	(C)	test status request program, tsr.sys	3						
	(D)	test status request program, autoer	xec.bat	•	·				
	(E)	none of the above			•				

88.	Wha	it DOS command shows which TS.	Ks are Ioa	ded?				
	(A)	TSR-SHOW	(B)	DOSVIEW				
	(C)	LOADVIEW	(D)	MEM /c				
	(E)	None of the above						
89.	By d	lefault, where DOS will load?						
	(A)	Extended memory	(B)	Conventional memory				
	(C)	HMA	(D)	Expanded memory				
	(E)	None of the above						
90 .	In C	MOS setup, if we enable Rom Bio	s Shadowi	ing, what will happen?				
91.	(A)	rom memory is minimized						
	(B)	rom is used instead of ram						
	(C)	rom memory is maximized						
	(D)	a copy of the bios is placed in ran	m					
	(E)	none of the above						
91.	What is the use of 'using' declaration?							
	(A)	(A) A using declaration makes it possible to use a name from a namespace with the scope operator						
	(B)	A using declaration makes it po the scope operator	ssible to u	use a name from a namespace without				
	(C)	(C) A using declaration makes it possible to use a name from a namespace with the access specifier						
	(D)	All of the above						
	(E)	None of the above						
92 .	Wha	at is an Iterator class?						
	(A)	A) A class that is used to access the objects of all classes						
	(B)	A class that is used to traverse class	through	the objects maintained by a template				
	(C)	A class that is used to traverse class	through	the objects maintained by a container				
	(D)	All of the above		•				
	(E)	None of the above						
		And the second of the second o						

- 93. When does a dangling pointer occurs?
 - (A) A dangling pointer arises when you use the address of an object after its lifetime is over
 - (B) A dangling pointer arises when you use the address of an object before its lifetime begins
 - (C) A dangling pointer arises when you use the addresses of different objects at the same time
 - (D) All of the above
 - (E) None of the above
- 94. An organization with extremely high security requirements is evaluating the effectiveness of biometric systems. Which of the following performance indicators is MOST important?
 - (A) False-acceptance rate (FAR)
 - (B) Equal-error rate (EER)
 - (C) False-rejection rate (FRR)
 - (D) False-identification rate (FIR)
 - (E) None of the above
- 95. Void pointer is
 - (A) capable of storing pointer to any type as it is a generic pointer type
 - (B) not capable of storing pointer to any type
 - (C) not able to store anything
 - (D) all of the above
 - (E) none of the above
- 96. Minimum number of queues needed to implement the priority queue is
 - (A) One
 - (B) Two
 - (C) Three
 - (D) Four
 - (E) None of the above

97.	Wha	it is the data structur	res used to p	erfori	m rec	ursion?			
	(A)	Queue			(B)	Stack			
	(C)	Tree			(D)	All of the abo	ove		
	(E)	None of the above							
98.	Wha	at is the Output of the	e program?						
00.		main()							
	. {.								
	int	•						ć	•
		abc();	•						
	pru \	ntf("%d",i);							
	abc()					•		4
	{							•	
•		ζ = 1000;				,			
	}								٠
	(A)	1000			(B)	100			
	(C)	10			(D)	Error			
	(E)	None of the above							
		•	,				•		
99.	Tim	Time-stamping refers to the							
	(A)	technique used to o	rder events	in a d	istrib	uted system v	vithout the u	ıse of	clocks
	(B)	technique used to o	rder events	in a d	istrib	uted system v	vith the use	of clo	cks
	(C)	technique used to temporal order	order even	ts in	a dis	stributed syst	em without	the	use of
	(D)	all of the above							
	(E)	none of the above			* .	* #			
100	Wha	What is the maximum segment length on 10Base2 media?							
100.	(A)	100 meters			(B)	185 meters		,	
	(C)	500 meters			(D)	1024 meters			
	(E)	None of the above	•	•	(2)	20=1 11100010			,
	(E)	Mone of the above							
		•							