XI- COMPUTER SCIENCE BOOK BACK ONE MARK QUESTIONS

(Choose the correct answer)

CHAPTER 1- INTRODUCTION TO COMPUTER

1. First generation (a) Vacuum tubes	computers	used (b) Transistors	(c)]	Integrated circuits	(d) Microprocessors
2. Name the volati (a) ROM (b)	le memory PROM	(c) RAM	(d) EPROM		
3. Identify the out (a) Keyboard (b)	put device Memory	(c) Monitor	(d) Mouse		
4. Identify the inp (a) Printer (b)	ut device Mouse	(c) Plotter	(d) Projecto	or	
5. Out (a) Thermal printer	_	s used for printi tter (c) Dot		plan. inkjet printer	
6. Which one of th (a) Touch Screen	U				
7. When a system (a) Warm booting		ch type of booting	ng is used. (c) Touch be	oot (d) Real boo	ot.
8. Expand POST (a) Post on self Tes	t (b) Pow	ver on Software T	Test (c)	Power on Self Test (d) F	Power on Self Text
9. Which one of th (a) ROM (b)	e following i RAM	is the main mem (c) Flash drive) Hard disk	
10. Which generat (a) First (b)	ion of comp) Second	uter used IC's? (c) Third	(d) Fourth		
	C	HAPTER	2 - NU	MBER SYSTI	EMS
1. Which refers to A) Byte B)			ed by a comp		_
2. How many byte A) 1000 B)	s does 1 Kilo 8 C) 4				
3. Expansion for A A) American School B) American Stand C) All Standard Co D) American Socie	ol Code for In ard Code for de for Inforn	Information Intenation Intenation Interchang	erchange ge		
4. 2^50 is referred A) Kilo B)	as Tera	C) Peta	D) Zetta		
5. How many char A) 64 B) 255 C) 6. For 11012 the ed A) F B) E C)	256 D) 128 qualent Hex		•	Decimal System?	

7. What is the 1's complement of 00100110? A) 00100110 B) 11011001 C) 11010001	D) 00101001
8. Which amongst this is not an Octal number A) 645 B) 234 C) 876	or? D) 123
PART - II -	BOOLEAN ALGEBRA
1. Which is a basic electronic circuit which (A) Boolean algebra (B) Gate (C) Fu	ch operates on one or more signals? undamental gates (D) Derived gates
2. Which gate is called as the logical inverse. (A) AND (B) OR (C) NOT	rter? (D) XNOR
3. $A + A = ?$ (A) A (B) O (C) 1	(D) A
4. NOR is a combination of ? (A) NOT(OR) (B)NOT(AND)	(C) NOT(NOT) (D) NOT(NOR)
5. NAND is called as Gate (A) Fundamental Gate (B) Derived C	Gate (C) Logical Gate (D) Universal gate
CHAPTER 3 - C	COMPUTER ORGANISATION
1. Which of the following is said to be the bra (a) Input devices (b) Output devices	nin of a computer? (c) Memory device (d) Microprocessor
2. Which of the following is not the part of a (a) ALU (b) Control unit (c) Cac	microprocessor unit? che memory (d) register
3. How many bits constitute a word? (a) 8 (b) 16 (c) 32 (d) determined by the	processor used.
4. Which of the following device identifies register? (a) Locator (b) encoder (c) decoder	the location when address is placed in the memory address (d) multiplexer
5. Which of the following is a CISC processor	
6. Which is the fastest memory? (a) Hard disk (b) Main memory (c) Cache me	emory (d) Blue-Ray disc
7. How many memory locations are identified (a) 28 (b) 1024 (c) 256 (d) 80	d by a processor with 8 bits address bus at a time?
8. What is the capacity of 12cm diameter DV (a) 4.7 GB (b) 5.5 GB (c) 7.8GB	D with single sided and single layer? (d) 2.2 GB
9. What is the smallest size of data represented (a) blocks (b) sectors (c) pits	ed in a CD? (d) tracks
10. Display devices are connected to the comp (a) USB port (b) Ps/2 port (c) SCSI port	puter through. (d) VGA connector

CHAPTER 4 - THEORETICAL CONCEPTS OF OPERATING SYSTEM

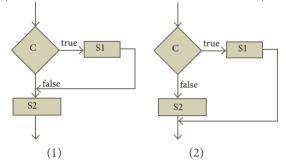
1) Operating system is a A) Application Software B) Hardware C)System Software D)Component
2) Identify the usage of Operating Systems A) Easy interaction between the human and computer B) Controlling input & output Devices C) Managing use of main memory D) All the above 3) Which of the following is not a function of an Operating System? A) Process Management B)Memory Management C)Security management 4) Which of the following OS is a Commercially licensed Operating system? A)Windows B)UBUNTU C)FEDORA D)REDHAT
5) Which of the following Operating systems support Mobile Devices? A) Windows 7 B) Linux C) BOSS D) iOS
6) File Management manages A) Files B) Folders C) Directory systems D) All the Above
7) Interactive Operating System provides A) Graphics User Interface (GUI) B) Data Distribution C) Security Management D) Real Tire Processing
8) An example for single task operating system is A)Linux B) Windows C)MS-DOS D) Unix
9) The File management system used by Linux is A) ext2 B) NTFS C) FAT D) NFTS
CHAPTER 5 - WORKING WITH WINDOWS OPERATING SYSTEM 1. From the options given below, choose the operations managed by the operating system. a)Memory b) Processes c) Disks and I/O devices d) all of the above
2. Which is the default folder for many Windows Applications to save your file? a)My Document b) My Pictures c) Documents and Settings d) My Computer
3. Under which of the following OS, the option Shift + Delete – permanently deletes a file or folder? (a) Windows 7 (b) MS-DOS (c)Linux (d) Android OS
 4. What is the meaning of "Hibernate" in Windows XP/Windows 7? (a) Restart the Computer in safe mode (b) Restart the Computer in hibernate mode (c) Shutdown the Computer terminating all the running applications (d) Shutdown the Computer without closing the running applications
5. The shortcut key used to rename a file in windows (a)F2 (b)F4 (c)F5 (d) F6

CHAPTER 6 – SPECIFICATION AND ABSTRACTION

- 1. Which of the following activities is algorithmic in nature?
- (a) Assemble a bicycle
- (b) Describe a bicycle.
- (c) Label the parts of a bicycle. (d) Explain how a bicycle works.

2. Which of the follo	wing activities is not a	algorithmic in nature?	•			
(a) Multiply two num	bers. (b) Draw a kol	am. (c) Walk in the p	park. (d) Swaping of two numbers.			
3. Omitting details inessential to the task and representing only the essential features of the task is known as						
(a) specification	(b) abstraction	(c) composition	(d) decomposition			
4. Stating the input 1	property and the inpu	t-output relation a pr	oblem is known			
(a) specification	(b) statement	(c) algorithm	(d) definition			
(b) the responsibility(c) the responsibility(d) the responsibility	of the algorithm and the of the user and the right of the algorithm but no of both the user and the	at of the algorithm. It the right of the user. It algorithm.				
	_	ter the assignment, the	e value of i is			
(a) 5 (b) 4	(c) 3	(d) 2				
7. If 0 < i before the (a) 0 < i	assignment $i := i-1$ after $(b) 0 \le i$	ter the assignment, we (c) $i = 0$	can conclude that (d) 0 ≥i			
CHAP	TER 7- COMPO	SITION AND D	DECOMPOSITION			
1. Suppose u, v = 10 assignments? 1 u :=	$\mathbf{v} \ 2 \ \mathbf{v} := \mathbf{u}$		lues of u and v after the sequence of			
(a) $u, v = 5, 5$	(c) $u, v = 10,5$	(b) $u, v = 5, 10$	(d) $u, v = 10, 10$			
2. Which of the follo 1i, j = 0, 0 2 i, j := i+1, j-1 3? (a) i+j>0	wing properties is true (b) $i+j < 0$	the after the assignment (c) $i+j=0$ (d) $i=1$				
1 if C1 2 S1 3 else 4 if C2 5 S2 6 else 7 S3 executes (a) S1 (b) S2 4. If C is false just be	C2 is true, the component of the component of the loop, the core	(d) none				
1 S1 2 while C 3 S2 4 S3	•	C	(d) \$1 , \$2 , \$2 , \$2 , \$2			
(a) S1; S3	(b) S1; S2; S3	(c)S1;S2;S2;S3	(d) S1; S2; S2; S2; S3			

5. If C is true, S1 is executed in both the flowcharts, but S2 is executed in



- (a) (1) only
- (b) (2) only
- (c) both (1) and (2)
- (d) neither (1) nor (2)

6. How many times the loop is iterated?

i := 0

(a) 4

while $i \neq 5$

i := i + 1

- (b) 5
- (c) 6
- (d) 0

CHAPTER 8 - ITERATION AND RECURSION

1. A loop invariant need not be true

(a) at the start of the loop.

- (b) at the start of each iteration
- (c) at the end of each iteration
- (d) at the start of the algorithm
- 2. We wish to cover a chessboard with dominoes, the number of black squares and the number of white squares covered by dominoes, respectively, placing a domino can be modeled by
- (a) b := b + 2
- (b) w := w + 2
- (c) b, w := b+1, w+1
- (d) b := w
- 3. If m x a + n x b is an invariant for the assignment a, b := a + 8, b + 7, the values of m and n are
- (a) m = 8, n = 7
- (b) m = 7, n = -8
- (c) m = 7, n = 8 (d) m = 8, n = -7
- 4. Which of the following is not an invariant of the assignment?

m, n := m+2, n+3

- (a) m mod 2
- (b) n mod 3
- (c) 3 X m 2 X n
- (d) $2 \times m 3 \times n$

5. If Fibonacci number is defined recursively as

$$\mathbf{F}(\mathbf{n}) = \begin{cases} 0 & n = 0 \\ 1 & n = 1 \\ F(n-1) + F(n-2) \text{ otherwise} \end{cases}$$

to evaluate F(4), how many times F() is applied?

- (a) 3
- (b) 4
- (c) 8

6. Using this recursive definition

$$\mathbf{a}^{n} = \begin{cases} 1 & \text{if } n = 0 \\ a \times a^{n-1} & \text{otherwise} \end{cases}$$

how many multiplications are needed to calculate a 10?

- (a) 11
- (b) 10
- (c)9
- d) 8

CHAPTER – 9 INTRODUCTION TO C++

- 1. Who developed C++?
- (a) Charles Babbage `(b) Bjarne Stroustrup
- (c) Bill Gates
- (d) Sundar Pichai

2. What was the orig	inal name given to (C++?		
(a) CPP	(b) Advanced C	(c) C with	Classes	(d) Class with C
3. Who coined C++?				
(a) Rick Mascitti	(b) Rick Bjar	rne (c) I	Bill Gates	(d) Dennis Ritchie
4. The smallest indiv	idual unit in a prog	ram is:		
(a) Program	(b) Algorithm	(c) Flowchart	(d) Tokens	
5. Which of the follow	.	•	C++ ?	
(a) >> (b) <<	(c) <>	(d) ^^		
6. Which of the follow (a) Keywords are the re (b) Reserved words or (c) An integer constant (d) Exponent form of re 7. Which of the follow (a) 'A' (b) 'W 8. A program writter (a) Object code 9. Assume a=5, b=6; (a) 4 (b) 5 10. Which of the follow	reserved words which keywords can be use that must have at least of real constants consist wing is a valid string (elcome' (c) 12 in high level language (b) Source con what will be result of (c) 1	th convey specific meaned as an identifier name one digit without a decent of two parts g literal? 232 (d) age is called as ode (c) Executate of a&b? (d) 0	ne. cimal point. "1232" able code	(d) All the above
(a) sizeof				
(a) SIZCOI	(b) pointer	(c) virtual	(d) this	
` '	· · · •			PRESSIONS
` '	· · · •	ES, VARIABLE		PRESSIONS
PART –II 1. How many categor (a) 5 (b) 4 2. Which of the follow (a) signed 3. What will be the rechar ch= 'B';	DATA TYPE ries of data types ar (c) 3 wing data types is n (b) int (c) f	e available in C++? (d) 2 ot a fundamental typeloat (d) char	S AND EXI	PRESSIONS
PART –II 1. How many categor (a) 5 (b) 4 2. Which of the follow (a) signed 3. What will be the recharch= 'B'; cout << (int) ch;	DATA TYPE ries of data types ar (c) 3 wing data types is n (b) int (c) f esult of following st	e available in C++? (d) 2 ot a fundamental typeloat (d) char	S AND EXI	PRESSIONS
PART –II 1. How many categor (a) 5 (b) 4 2. Which of the follow (a) signed 3. What will be the rechar ch= 'B';	DATA TYPE ries of data types ar (c) 3 wing data types is n (b) int (c) f esult of following st (c) 65	e available in C++? (d) 2 ot a fundamental typloat (d) char atement?	S AND EXI	PRESSIONS
PART –II 1. How many categor (a) 5 (b) 4 2. Which of the follow (a) signed 3. What will be the recharch= 'B'; cout << (int) ch; (a) B (b) b 4. Which of the chara (a) F (b) C 5. How many bytes Dev C++? short	DATA TYPE ries of data types ar (c) 3 wing data types is n (b) int (c) f esult of following st (c) 65 acter is used as suff (c) L of memory is allocatint x;	e available in C++? (d) 2 ot a fundamental typloat (d) char atement? (d) 66 ix to indicate a floati (d) D ated for the followin	es AND EXI	PRESSIONS aration if you are using
PART –II 1. How many categor (a) 5 (b) 4 2. Which of the follow (a) signed 3. What will be the rechar ch= 'B'; cout << (int) ch; (a) B (b) b 4. Which of the chars (a) F (b) C 5. How many bytes Dev C++? short (a) 2 (b) 4	DATA TYPE ries of data types ar (c) 3 wing data types is n (b) int (c) f esult of following state (c) 65 acter is used as suffice) L of memory is allocatint x; (c) 6	e available in C++? (d) 2 ot a fundamental typloat (d) char atement? (d) 66 ix to indicate a floati (d) D ated for the followin (d) 8	es AND EXI	
PART –II 1. How many categor (a) 5 (b) 4 2. Which of the follow (a) signed 3. What will be the recharch= 'B'; cout << (int) ch; (a) B (b) b 4. Which of the chara (a) F (b) C 5. How many bytes Dev C++? short	DATA TYPE ries of data types ar (c) 3 wing data types is n (b) int (c) f esult of following state (c) 65 acter is used as suffice) (c) L of memory is allocation x; (c) 6 t of the following sn (c) F	e available in C++? (d) 2 ot a fundamental typholoat (d) charatement? (d) 66 ix to indicate a floati (d) D ated for the followin (d) 8 ippet?	es AND EXI	
PART –II 1. How many categor (a) 5 (b) 4 2. Which of the follow (a) signed 3. What will be the rechar ch= 'B'; cout << (int) ch; (a) B (b) b 4. Which of the chars (a) F (b) C 5. How many bytes Dev C++? short (a) 2 (b) 4 6. What is the output char ch = 'A'; ch = ch + 1; (a) B (b) A1 7. Which of the follow (a) signed	DATA TYPE ries of data types ar (c) 3 wing data types is n (b) int (c) f esult of following state (c) 65 acter is used as suffice (c) L of memory is allocation in x; (c) 6 t of the following sn (c) F wing is not a data ty (b) int (c) le	e available in C++? (d) 2 ot a fundamental typeloat (d) charatement? (d) 66 ix to indicate a floati (d) Detect for the following (d) 8 ippet? (d) 1A ype modifier? ong (d) 8	SAND EXIONS Short	
PART –II 1. How many categor (a) 5 (b) 4 2. Which of the follow (a) signed 3. What will be the recharch= 'B'; cout << (int) ch; (a) B (b) b 4. Which of the charch (a) F (b) C 5. How many bytes Dev C++? short (a) 2 (b) 4 6. What is the output char ch = 'A'; ch = ch + 1; (a) B (b) A1 7. Which of the follow	DATA TYPE ries of data types ar (c) 3 wing data types is n (b) int (c) f esult of following state (c) 65 acter is used as suffice (c) L of memory is allocation in x; (c) 6 t of the following sn (c) F wing is not a data ty (b) int (c) le	e available in C++? (d) 2 ot a fundamental typeloat (d) charatement? (d) 66 ix to indicate a floati (d) Detect for the following (d) 8 ippet? (d) 1A ype modifier? ong (d) 8	SAND EXIONS Short	aration if you are using

9. Which operator is used to access reference of a variable?						
(a) \$ (b) # (c) & (d) !						
10. This can be used as alternate to endl command:						
(a) \t (b) \b (c) \b						
CHAPTER 10 - FLOW OF CONTROL						
1. What is the alternate name of null statement? (A) No statement (B) Empty statement (C) Void statement (D) Zero statement						
2. In C++, the group of statements should be enclosed within:						
(A) $\{ \}$ (B) $[]$ (C) $()$ (D) $<>$						
3. The set of statements that are executed again and again in iteration is called as:						
(A) condition (B) loop (C) statement (D) body of loop						
4. The branch statement: multi way						
(A) if (B) if else (C) switch (D) for						
5. How many types of iteration statements?						
(A) 2 (B) 3 (C) 4 (D) 5						
6. How many times the following loop will execute? for (int i=0; i<10; i++)						
(A) 0 (B) 10 (C) 9 (D) 11						
7. Which of the following is the exit control loop?						
(A) for (B) while (C) dowhile (D) ifelse						
8. Identify the odd one from the keywords of jump statements:						
(A) break (B) switch (C) goto (D) continue						
9. Which of the following is called entry control loop?						
(A) do-while (B) for (C) while (D) if-else						
10. A loop that contains another loop inside its body:						
(A) Nested loop (B) Inner loop (C) Inline loop (D) Nesting of loop						
CHAPTER 11- FUNCTIONS						
1. Which of the following header file defines the standard I/O predefined functions?						
A) stdio.h B) math.h C) string.h D) ctype.h						
2. Which function is used to check whether a character is alphanumeric or not.						
A) isalpha() B) isdigit() C) isalnum() D) islower()						
3. Which function begins the program execution? A) isalpha() B) isdigit() C) main() D) islower()						
4. Which of the following function is with a return value and without any argument ? A) x=display(int, int) B) x=display() C) y=display(float) D) display(int)						
5. Which is return data type of the function prototype of add(int, int); ? A) int B) float C) char D) double						
6. Which of the following is the scope operator ? A) > B) & C) % D) ::						

Chapter 12 - Arrays and Structures

	O	ie conection of va	arrables of the same	type that an referenced by a
a) int	b) float	c) Array	d) class	
2. int age[]={0	5,90,20,18,2}; How	many elements a	re there in this array	?
a) 2	b) 5	c) 6	d) 4	
2 oin>> n[2].	To which clament	doog this stateme	nt account the value?	
a) 2	b) 3	c) 4	nt accept the value? d) 5	
u) 2	0) 3	C) -	u) 5	
4. By default,	a string ends with	which character	?	
a)\o	b) \t	c) \n	d) \b	
5 6 4	1.6.4	.4.11		
(a):	lefinition is termin (b) }	(c);	(d) ::	
(a) .	(0) }	(C),	(u)	
6. What will h	nappen when the s	tructure is declar	ed?	
	allocate any memor		will allocate the memor	ry
(c) it will be d	eclared and initializ	zed (d) it v	will be only declared	
-				
7. A structure struct Time	e declaration is giv	en below.		
struct Time				
int hours;				
int minutes;				
int seconds;				
}t;				
_	declaration which			
(a) Time.secon	nds (b)	Time::seconds	(c)seconds	(d) t. seconds
9 Which of th	ne following is a p	roporty defined st	mieturo?	
(a) struct {int i	_		struct sum int sum;	(d)struct sum {int num;};
(a) struct (int	(0) 50 000	, and (int nam,) (e)	struct sum me sum,	(a)stract sam (me nam,),
9. A structure	declaration is giv	en below.		
struct employ	ree			
{				
int empno;	0.7			
<pre>char ename[1 }e[5];</pre>	U];			
-	leclaration which	of the following s	tatement is correct.	
_	.empno< <e[0].enai< td=""><td>_</td><td>(b) cout<<e[0].empno< td=""><td>o<<ename:< td=""></ename:<></td></e[0].empno<></td></e[0].enai<>	_	(b) cout< <e[0].empno< td=""><td>o<<ename:< td=""></ename:<></td></e[0].empno<>	o< <ename:< td=""></ename:<>
	->empno< <e[0]->e</e[0]->		(d) cout< <e.empno<<< td=""><td></td></e.empno<<<>	
				e dot operator is the name of
(a) structure v	ariable (b)	structure tag	(c) structure m	nember (d) structure function
CH	APTER 13 - I	NTRODUCT	TION TO OBJE	CT ORIENTED
	PRO	OGRAMMIN	IG TECHNIQU	ES
1. The term is	s used to describe :	a programming a	pproach based on cla	sses and objects is
(A) OOP	(B) POP	(C) A		•

2. The paradigm wh		_			
(A) Object Oriented Programming (B)Procedural programming (C) Modular programming (D)Structural programming					
3. Which of the follo	<u> </u>	, ,	•	8	
(A) class	(B) float	(C) int	(D) obje	ect	
4. The identifiable e	ntity with som	e characterist	ics and b	ehaviour is.	
(A) class	(B) object	(C) structure		(D) member	
5. The mechanism b	y which the da	ta and function	ons are bo	ound togethe	r into a single unit is known
(A) Inheritance	(B) Encapsula	tion	(C) Poly	morphism	(D) Abstraction
6. Insulation of the	data from direc	ct access by th	ne progra	m is called as	5
(A) Data hiding	(B) Encapsula	ation	(C) Poly	morphism	(D) Abstraction
7. Which of the follocreated?	owing concept of	encapsulate al	ll the esse	ntial propert	ties of the object that are to be
(A) class (B) Er	ncapsulation	(C) Polymorp	ohism	(D) Abstracti	on
8. Which of the follo (A) data hiding	wing is the mo (B) code reusa	-		e of inheritare e modification	
(11) data manig	(B) code reast	ionity	(C) cour	modification	(D) accessionity
9. "Write once and (A) redundancy	use it multiple (B) reusabilit		achieved odificatio		(D) composition
10. Which of the following	lowing support	ts the transitiv	ve nature	of data?	
(A) Inheritance	(B) Encapsula	tion	(C) Poly	morphism	(D) Abstraction
	CHAPTE	R 14 - CL	ASSES	AND OB	JECTS
1. The variables dec (A) data	lared inside th (B) inline		own as nethod	(D) at	tributes
2. Which of the following statements about member functions are True or False? i) A member function can call another member function directly with using the dot operator. ii) Member function can access the private data of the class. (A) i)True, ii)True (B) i)False, ii)True (C) i)True, ii)False (D) i)False, ii)False					
(A) i)True, ii)True	(B) i)False, ii	True	(C) I) I I	iue, ii)i aise	(D) i)False,ii)False
3. A member function called as	on can call an	other membe	er functio	n directly, w	rithout using the dot operator
(A) sub function	(B) sub memb	er (C) nesting	g of meml	per function	(D) sibling of member function
4. The member func (A) inline	tion defined w (B) Non inlin			ike fund (D) Da	
5. Which of the following access specifier protects data from inadvertent modifications? (A) Private (B) Protected (C) Public (D) Global					
6. class x					
int y; public:					

```
x(int z){y=z;}
} x1[4];
int main()
\{ x x2(10); 
return 0;}
How many objects are created for the above program
(A) 10
               (B) 14
                             (C) 5
                                           (D) 2
7. State whether the following statements about the constructor are True or False.
i) constructors should be declared in the private section.
ii) constructors are invoked automatically when the objects are created.
                     (B) True, False
                                           (C) False, True
(A) True, True
                                                                 (D) False, False
8. Which of the following constructor is executed for the following prototype?
add display( add &); // add is a class name
(A) Default constructor
                                   (B) Parameterized constructor
(C) Copy constructor
                                   (D) Non Parameterized constructor
                          CHAPTER 15 - POLYMORPHISM
1. Which of the following refers to a function having more than one distinct meaning?
(A) Function Overloading (B) Member overloading (C) Operator overloading (D) Operations overloading
2. Which of the following reduces the number of comparisons in a program?
(A) Operator overloading (B) Operations overloading (C) Function Overloading (D) Member overloading
3. void dispchar(char ch='$',int size=10)
       for(int i=1;i<=size;i++)
       cout<<ch;
How will you invoke the function dispchar() for the following input?
To print $ for 10 times
                                                                       (D)dispchar('$',10 times);
(A) dispchar();
                     (B) dispchar(ch, size);
                                                  (C) dispchar($,10);
4. Which of the following is not true with respect to function overloading?
(A) The overloaded functions must differ in their signature.
(B) The return type is also considered for overloading a function.
(C) The default arguments of overloaded functions are not considered for Overloading.
(D) Destructor function cannot be overloaded.
5. Which of the following is invalid prototype for function overloading
                                     (B) void fun (intx);
(A) void fun (intx);
void fun (char ch);
                                     void fun (inty);
(C) void fun (double d);
                                     (D) void fun (double d);
void fun (char ch);
                                     void fun (inty);
                            CHAPTER 16 - INHERITANCE
1. Which of the following is the process of creating new classes from an existing class
(a) Polymorphism
                      (b) Inheritance
                                           (c) Encapsulation
                                                                 (d) super class
2. Which of the following derives a class student from the base class school
(a) school: student
                                   (b) class student : public school
(c) student : public school
                                   (d) class school: public student
3. The type of inheritance that reflects the transitive nature is
(A) Single Inheritance (B) Multiple Inheritance (C) Multilevel Inheritance
                                                                               (D) Hybrid Inheritance
```

	•	e used when you want to the classes that are		s of the base class to be available
(A) Private	(B) Public	(C) Protected	(D) All of t	
` '	e is a process of creat	, ,	` '	Function
		which is a derived class evel inheritance (C) sin	,	this is referred to as ace (D) double inheritance
7. Which amo (A) Destructor	0	executed in the order function (C) Co	r of inheritar onstructor	nce? (D) Object
(A) Priva (B) Priva (C) Publ	ate members of base cate members of base cate members of base cate	vith respect to inheritatelass are inherited to the class are not inherited to lass are inherited but not e class are inherited but	e derived class the derived ot visible to tl	class with private accessibility he derived class
		claration answer the c	questions (fro	om9.1 to 9.4)
void out protected int passe }; class head int diese protected int public: void read void write class bus char Tick public: void feto void disp	eels; ut_data(float,float,float,float,float); enger; evy_vehicle: prol_petrol; d: load; d_data(float,float); eprivate heavy; ket[20]; ch_data(char); colay_data(); };	otected vehicle		
(a) Bus	(b) heavy_vehicle	(c) vehicle	(d) ł	both (a) and (c)
9.2. The data (a) passenger	member that can be (b) load	accessed from the fut (c) Ticket	nction displa (d) All of the	
(a) input_data((c) fetch_data(9.4. The mem (a) input_data(), output_data()), display_data()	(b) read_data (d) All of the inherited as public by (b) read_data(), write (d) none of these	() ,write_data se Class Bus	
(c) icicii_uata(,, dispiay_data()	(a) none of these		

CHAPTER 17 - COMPUTER ETHICS AND CYBER SECURITY

1. Which of the	following is a set of m	oral principles that reg	ulate the use of computers ?		
a. piracy	b. programs	c. virus d. com	puter ethics		
-		able to the public illegal			
a. freeware	b. warez	c. free software	e d. software		
3. Which one themselves?	of the following are	e self-repeating and d	o not require a computer	program to attach	
a. viruses	b. worms	c. spyware	d. Trojans		
4. Which one of	f the following tracks	a user visits a website?			
a. spyware	b. cookies	c. worms	d. Trojans		
5. Which of the	following is not a ma	licious program on com	puter systems?		
a. worms	d. Trojans	c. spyware	d. cookies	d. cookies	
6. A computer a. Cookies	network security that b.Virus	monitors and controls i c. Firewall	incoming and outgoing traff d. worms	ïc is	
7. The process	of converting cipher t	ext to plain text is called	i		
a. Encryption	b. Decryption	c. key	d. proxy server		
8. e-commerce	means				
a. electronic con	nmerce b. electronic	data exchange c. elec	etric data exchange d. electror	nic commercialization.	
9. Distributing	unwanted e-mail to o	thers is called.			
a. scam	b. spam	c. fraud	d. spoofing		
10. Legal recog a. Electronic Da c. Electronic Da	C	b. Electronic D	Oata Exchange Oata Interchange		