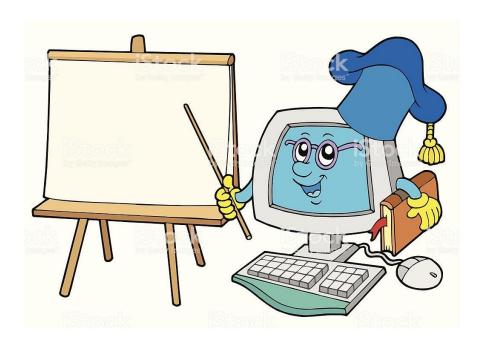
HIGHER SECONDARY FIRST YEAR COMPUTER SCIENCE

1 MARK QUESTIONS

2023 - 24



Prepared By,

J. KAVITHA, B.Sc, B.Ed, M.C.A, M.Phil., Computer Instructor Gr - I GHSS, S.S.KULAM Coimbatore – 641107.

CHAPTER 1: Introduction to Computers

Choo	se the correct answ	ver:				
1.	1. First generation computers used					
	(a) Vacuum tubes	(b) Tr	ansistors	(c)	Integrated circuits	(d) Microprocessors
2.	Name the volatile	e memor	\mathbf{y}			
	(a) ROM	(b) PR	ROM		(c) RAM	(d) EPROM
3.	Identify the outp	ut device	e			
	(a) Keyboard	(b) Mo	emory		(c) Monitor	(d) Mouse
4.	Identify the inpu	t device				
	(a) Printer	(b) Me	ouse		(c) Plotter	(d) Projector
5.	Output d	evice is u	ised for p	rint	ing building plan.	
	(a) Thermal printe	r (b) Plo	otter		(c) Dot matrix	(d) inkjet printer
6.	Which one of the	followir	ng is used	to i	n ATM machines	
	(a) Touch Screen	(b) spe	eaker		(c) Monitor	(d) Printer
7.	When a system r	estarts w	hich type	e of	booting is used.	
	(a) Warm booting	(b) Co	old booting	g	(c) Touch boot	(d) Real boot.
8.	Expand POST					
	(a) Post on self Te	st	(b) Powe	r on	Software Test	
	(c) Power on Self	Test	(d) Powe	r on	Self Text	
9.	Which one of the	followir	ng is the n	nain	memory?	
	(a) ROM (b) l	RAM	(c) Flash	driv	e (d) Hard dis	sk
10	. Which generation	n of com	puter use	d IO	C's?	
	(a) First (b) S	Second	(c) Third		(d) Fourth	

CHAPTER 2: Number Systems

1.	which refer	s to the numi	per of pits pro	cessed by a compu	iter s Cru:
	A) Byte	B) Nibble	C) Word leng	gth D) Bit	
2.	How many	bytes does 1 F	KiloByte conta	ain?	
	A) 1000	B) 8	C) 4	D) 1024	
3.	Expansion f	or ASCII			
	A) American	School Code	for Informatio	on Interchange	
	B) American	Standard Coo	de for Informa	tion Interchange	
	C) All Stand	ard Code for I	nformation In	terchange	
	D) American	Society Code	e for Informati	on Interchange	
4.	2^50 is refer	rred as			
	A) Kilo	B) Tera	C) Peta	D) Zetta	
5.	How many	characters ca	n be handled	in Binary Coded D	Decimal System?
	A) 64	B) 255	C) 256	D) 128	
6.	For 1101 ₂ th	e equalent H	exadecimal ed	quivalent is?	
	A) F	B) E	C) D	D) B	
7.	What is the	1's compleme	ent of 001001	10?	
	A) 00100110	B) 110	011001	C) 11010001	D) 00101001
8.	Which amo	ngst this is no	t an Octal nu	mber?	
	A) 645	B) 234	C) 876	D) 123	

Part - II - Boolean Algebra

1.	Which is a basic electronic circuit which operates on one or more signals?				
	(A) Boolean algebr	a	(B) Gate		
	(C) Fundamental ga	ates	(D) Derived gates		
2.	Which gate is calle	ed as the logic	al inverter?		
	(A) AND	(B) OR	(C) NOT	(D) XNOR	
3.	$\mathbf{A} + \mathbf{A} = ?$				
	(A) A	(B) O	(C) 1	(D) A	
4.	NOR is a combina	tion of ?			
	(A) NOT(OR)	(B)NOT(AN	D) (C) NOT(NOT)	(D) NOT(NOR)	
5.	. NAND is called as Gate				
	(A) Fundamental Gate (B) Derived Gate				
	(C) Logical Gate		(D) Universal gate		

CHAPTER 3: Computer Organisation

1.	Which of the follow	wing is said to be th	e brain of a compute	er?
	(a) Input devices	(b) Output devices	(c) Memory device	(d) Microprocessor
2.	Which of the follow	wing is not the part	of a microprocessor	unit?
	(a) ALU	(b) Control unit	(c) Cache memory	(d) register
3.	How many bits con	nstitute a word?		
	(a) 8 (b) 16	(c) 32	(d) determined by the	ne processor used.
4.	Which of the follo	wing device identif	ies the location whe	en address is placed in
	the memory addre	ess register?		
	(a) Locator (b) en	coder (c) decoder	(d) multiplexer	
5.	Which of the follow	wing is a CISC prod	cessor?	
	(a) Intel P6 (b) A	MD K6 (c) Pe	entium III (d) Pe	ntium IV
6.	Which is the fastes	st memory?		
	(a) Hard disk	(b) Main memory	(c) Cache memory	(d) Blue-Ray disc
7.	How many memor	ry locations are ide	ntified by a process	or with 8 bits address
	bus at a time?			
	(a) 28 (b) 10)24 (c) 256	(d) 8000	
8.	What is the capaci	ty of 12cm diameter	r DVD with single si	ded and single layer?
	(a) 4.7 GB (b) 5.	5 GB (c) 7.8GB	(d) 2.2 GB	
9.	What is the smalle	st size of data repre	esented in a CD?	
	(a) blocks (b) se	ctors (c) pits	(d) tracks	
10	. Display devices ar	e connected to the c	omputer through.	
	(a) USB port	(b) Ps/2 port	(c) SCSI port	(d) VGA connector

CHAPTER 4: Theoretical concepts of Operating System

Choo	se the correct	t answer:				
1.	Operating s	ystem is a				
	A) Applicati	on Software	B) Hard	ware		
	C) System S	oftware	D) Com	ponent		
2.	Identify the	usage of Operation	ng Systems			
	A) Easy inte	raction between the	e human and comp	outer		
	B) Controllin	B) Controlling input & output Devices				
	C) Managing	g use of main mem	ory			
	D) All the ab	oove				
3.	Which of th	e following is not	a function of an C	Operating S	ystem?	
	A) Process N	Management	B) Memory Ma	anagement		
	C) Security 1	management	D) Complier E	nvironment		
4.	Which of th	e following OS is	a commercially li	censed Ope	rating system?	
	A) Windows	s B) UBUNTU	C) FED	ORA	D) REDHAT	
5.	Which of th	e following Opera	ting systems supp	ort Mobile	Devices?	
	A) Windows	B) Linux	C) BOS	S	D) iOS	
6.	File Manage	ement manages				
	A) Files	B) Folders	C) Directory sy	stems	D) All the Above	
7.	Interactive	Operating System	provides			
	A) Graphics	User Interface (GU	JI)	3) Data Distr	ibution	
	C) Security I	Management	Γ) Real Time	e Processing	
8.	An example	for single task op	erating system is			
	A) Linux	B) Windows	C) MS-DOS	D) Un	ix	
9.	The File ma	nagement system	used by Linux is			
	A) ext2	B) NTFS	C) FAT	D) NF	TS	

CHAPTER 5: Working with Windows Operating System

Choose the correct answer:

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 7b. Windows 8c. Windows 10d. all of the above

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

OOL	oose the correct answer.				
1.	1. Which of the following activities is alg	orithmic in nature?			
	(a) Assemble a bicycle (b) Do	escribe a bicycle			
	(c) Label the parts of a bicycle (d) Ex	plain how a bicycle works.			
2.	2. Which of the following activities is not	algorithmic in nature?			
	(a) Multiply two numbers. (b) Dr	aw a kolam.			
	(c) Walk in the park. (d) Sv				
3.	3. Omitting details inessential to the task				
	features of the task is known as	r i g i g i g i i i i i i i i i i i i i			
	(a) specification (b) abstraction	(c) composition (d) decomposition			
4.	4. Stating the input property and the inp	_			
	(a) specification (b) statement				
5.	5. Ensuring the input-output relation is				
	(a) the responsibility of the algorithm and the right of the user.				
	(b) the responsibility of the user and the right of the algorithm.				
	(c) the responsibility of the algorithm bu	t not the right of the user.			
	(d) the responsibility of both the user and	l the algorithm			
6.	6. If $i = 5$ before the assignment $i := i-1$ a	fter the assignment, the value of i is			
	(a) 5 (b) 4 (c) 3	(d) 2			
7.	7. If $0 < i$ before the assignment $i := i-1$	fter the assignment, we can conclude that			
	(a) $0 < i$ (b) $0 \le i$ (c) $i = 0$	(d) 0 ≥i			

CHAPTER 7: Composition and Decomposition

Choose the correct answer:

1. Suppose u, v = 10, 5 before the assignment. What are the values of u and v after the sequence of assignments?

1 u := v

$$2 v := u$$

(a) u, v = 5, 5

(b)	u.	v	=	5	.10	
ν,	ч,	•		\sim	,	

(c) u, v = 10,5

(d)
$$u, v = 10, 10$$

2. Which of the following properties is true after the assignment (at line 3?

1 - -i, j = 0, 0

$$2 i, j := i+1, j-1$$

3 -- ?

(a) i+j > 0

(b) i+j < 0

(c) i+j=0

(d) i = j

3. If C1 is false and C2 is true, the compound statement

1 if C1

2 S1

3 else

4 if C2

5 S2

6 else

7 S3 executes

(a) S1

(b) S2

(c) S3

(d) none

4. If C is false just before the loop, the control flows through

1 S1

2 while C

3 S2

4 S3

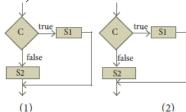
(a) S1; S3

(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

while $i \neq 5$

i := i + 1

(a) 4

(b) 5

(c) 6

(d) 0

CHAPTER 8: Iteration and recursion

Choose the correct answer:

- 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
- 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) $3 \times m 2 \times n$ (d) $2 \times m 3 \times n$
- 5. If Fibonacci number is defined recursively as

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

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

- (b) 4
- (c) 8
- (d) 9
- 6. Using this recursive definition

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

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	e (b) Bjarne Stroustr	rup (c) Bill Gates (d) Sundar Pichai		
2.	What was the original	nal name given to C	C++?			
	(a) CPP	(b) Advanced C	(c) C with Classes	(d) Class with C		
3.	Who coined C++?					
	(a) Rick Mascitti	(b) Rick Bjarne	(c) Bill Gates	(d) Dennis Ritchie		
4.	The smallest indivi	dual unit in a progr	am is:			
	(a) Program	(b) Algorithm	(c) Flowchart	(d) Tokens		
5.	Which of the follow	ving operator is exti	action operator in (C++ ?		
	(a) >>	(b) <<	(c) <>	(d) ^^		
6.	Which of the follow	ving statements is no	ot true?			
	(a) Keywords are the reserved words which convey specific meaning to the C++ compiler.					
	(b) Reserved words or keywords can be used as an identifier name.					
	(c) An integer constant must have at least one digit without a decimal point.					
	(d) Exponent form of	of real constants cons	ist of two parts			
7.	Which of the follow	ving is a valid string	gliteral?			
	(a) 'A'	(b) 'Welcome'	(c) 1232	(d) "1232"		
8.	A program written	in high level langua	age is called as			
	(a) Object code	(b) Source code	(c) Executable code	(d) All the above		
9.	Assume a=5, b=6;	what will be result o	f a&b?			
	(a) 4	(b) 5	(c) 1	(d) 0		
10.	Which of the follow	ving is called as com	pile time operators	?		
	(a) sizeof	(b) pointer	(c) virtual	(d) this		

CHAPTER 9: Data Types, Variables and Expressions

1.	How many c	categories (of data types	are available in (C++ ?	
	(a) 5	(b) 4	(c) 3	(d) 2		
2.	Which of the	e following	data types i	s not a fundamen	tal type?	
	(a) signed	(b)	int	(c) float	(d) char	
3.	What will be	e the result	of following	g statement?		
	char ch= 'B';	,)				
	cout << (int)	ch;				
	(a) B	(b) b	(c) 65	(d) 66		
4.	Which of the	e charactei	is used as s	uffix to indicate a	floating point value?	
	(a) F	(b)		(c) L	(d) D	
5.	How many b	ytes of me	mory is allo	cated for the follo	wing variable declaratio	n if
	you are usin	g Dev C++	? short int x	;		
	(a) 2	(b)	4	(c) 6	(d) 8	
6.	What is the	output of t	he following	snippet?		
	char ch = 'A	,				
	$\mathbf{ch} = \mathbf{ch} + 1;$					
	(a) B	(b)	A1	(c) F	(d) 1A	
7.	Which of the	e following	is not a data	a type modifier?		
	(a) signed	(b)	int	(c) long	(d) short	
8.	Which of the	e following	operator re	turns the size of t	he data type?	
	(a) sizeof()	(b)	int ()	(c) long ()	(d) double ()	
9.	Which opera	ator is used	l to access re	eference of a varia	ible?	
	(a) \$	(b)	#	(c) &	(d)!	
10	This can be	used as alt	ernate to en	dl command:		
	(a) \t	(b) \b	(c)\0	(c) \n		

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	d be enclosed within	:		
	(A) { }	(B) []	(C)()	(D) <>		
3.	The set of statemen	nts that are executed	l again and again in	iteration is called as:		
	(A) condition	(B) loop	(C) statement	(D) body of loop		
4.	The multi way bra	nch statement:				
	(A) if	(B) if else	(C) switch	(D) for		
5.	How many types of	f iteration statement	ts?			
	(A) 2	(B) 3	(C) 4	(D) 5		
6.	How many times tl	he following loop wi	ll execute?			
	for (int i=0; i<10; i++)					
	(A) 0	(B) 10	(C) 9	(D) 11		
7.	Which of the follow	ving is the exit contr	ol loop?			
	(A) for	(B) while	(C) dowhile	(D) ifelse		
8.	Identify the odd on	ne from the keyword	lsof jump statement	S:		
	(A) break	(B) switch	(C) goto	(D) continue		
9.	Which of the follow	wing is called entry o	control loop?			
	(A) do-while	(B) for	(C) while	(D) if-else		
10.	A loop that contain	ns another loop insid	le its body:			
	(A) Nested loop	(B) Inner loop	(C) Inline loop	(D) Nesting of loop		

CHAPTER 11: Functions

A) isalpha() Which function	B) isdigit()	whether a character C) isalnum()	D) ctype.h is alphanumeric or not. D) islower()	
Which function A) isalpha() Which function	B) isdigit()	whether a character C) isalnum()	is alphanumeric or not.	
A) isalpha() Which function	B) isdigit()	C) isalnum()	-	
Which function	, C V	,	D) islower()	
	n begins the progra	42 9		
	- ~ - 8 3	m execution ?		
A) isalpha()	B) isdigit()	C) main()	D) islower()	
Which of the	following functio	n is with a retur	n value and without any	
argument?				
A) x=display(int, int) B		3) x=display()		
C) y=display(flo	oat) E) display(int)		
Which is return	n data type of the f	unction prototype o	of add(int, int); ?	
A) int	B) float	C) char	D) double	
Which of the fo	ollowing is the scop	e operator ?		
Δ) >	B) &	C) %	D) ::	
	A) isalpha() Which of the argument? A) x=display(in C) y=display(flow Which is return A) int	A) isalpha() B) isdigit() Which of the following function argument? A) x=display(int, int) B C) y=display(float) D Which is return data type of the f A) int B) float Which of the following is the scope	Which of the following function is with a returnargument? A) x=display(int, int) B) x=display() C) y=display(float) D) display(int) Which is return data type of the function prototype of the following is the scope operator?	

CHAPTER 12: Arrays and Structures

1.	Which of the following is the	collection of	variables of the same type that an			
	referenced by a commonname ?	?				
	a) int b) float	c) Array	d) class			
2.	int age[]={6,90,20,18,2}; How m	any elements	s are there in this array?			
	a) 2 b) 5	c) 6	d) 4			
3.	cin>>n[3]; To which element do	es this stater	nent accept the value?			
	a) 2 b) 3	c) 4	d) 5			
4.	By default, a string ends with w	hich charact	er?			
	a) \o b) \t	c) \n	d) \b			
5.	Structure definition is terminat	ed by				
	(a): (b) }	(c);	(d) ::			
6.	What will happen when the stru	ucture is decl	ared?			
	(a) it will not allocate any memor	У	(b) it will allocate the memory			
	(c) it will be declared and initialize		(d) it will be only declared			
7.	A structure declaration is given	below.				
	struct Time					
	{					
	int hours;					
	int minutes;					
	int seconds;					
	}t;					
	Using above declaration which of the following refers to seconds.					
	(a) Time.seconds (b) Ti	me::seconds	(c)seconds (d) t. seconds			
8.	Which of the following is a prop	perly defined	structure?			
	(a) struct {int num;} (b) str	ruct sum {int i	num;}			
	(c) struct sum int sum; (d) str	ruct sum {int i	num;};			
9.	A structure declaration is given	below.				
	struct employee					
	{					
	int empno;					
	char ename[10];					
	}e[5];					
	Using above declaration which	of the followi	ng statement is correct.			
	(a) cout< <e[0].empno<<e[0].ename; (b)="" cout<<e[0].empno<<ename;<="" th=""></e[0].empno<<e[0].ename;>					
	(c) $cout << e[0]->empno << e[0]->e$	ename;	(d) cout< <e.ename;< th=""></e.ename;<>			
10	. When accessing a structure men	mber ,the ide	entifier to the left of the dot operator			
	is the name of		-			
	(a) structure variable	(b) structure	tag			
	(c) structure member	(d) structure	function			

CHAPTER 13: Introduction to Object Oriented Programming Techniques Choose the correct answer:

1.	The term is used	to describe a prog	ramming approach	based on classes and		
	objects is					
	(A) OOP	(B) POP	(C) ADT	(D) SOP		
2.	The paradigm wh	nich aims more at pr	ocedures.			
	(A) Object Oriented Programming		(B) Procedural programming			
	(C) Modular programming					
3.	Which of the follo					
	(A) class	(B) float	(C) int	(D) object		
4.	aviour is.					
		(B) object				
5.	The mechanism b	y which the data	and functions are	bound together into a		
single unit is known as						
	(A) Inheritance	(B) Encapsulation	(C) Polymorphism	(D) Abstraction		
6. Insulation of the data from direct access by the program is called as						
	(A) Data hiding	(B) Encapsulation	(C) Polymorphism	(D) Abstraction		
7.	Which of the following concept encapsulate all the essential properties of the					
	object that are to be created?					
	(A) class	(B) Encapsulation	(C) Polymorphism	(D) Abstraction		
8.	Which of the follo	owing is the most im	portant advantage o	of inheritance?		
	(A) data hiding	(B) code reu	sability			
	(C) code modification (D) accessibility					
9.	"Write once and use it multiple time" can be achieved by					
		-	(C) modification			
10	•	•	ransitive nature of d	_		
			(C) Polymorphism			
		•	, ,			

CHAPTER 14: Classes and objects

I.	The variables declared inside the class are known as									
	(A) data (B) inline (C) method (D) attributes									
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										
3.	A member function can call another member function directly, without using									
	the dot operator called as									
	(A) sub function (B) sub member									
	(C) nesting of member function (D) sibling of member function									
4.	The member function defined within the class behave like functions									
	(A) inline (B) Non inline (C) Outline (D) Data									
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()									
	$\{ x \times 2(10);$									
	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.									
	(A) True, True (B) True, False (C) False, 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

Choose the correct answer:

- 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

(A) dispchar();

(B) dispchar(ch,size);

(C) dispchar(\$,10);

- (D) dispchar('\$',10 times);
- 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.
 - (A) Void fun (int x);

(B) Void fun (int x);

Void fun (char ch);

Void fun (int y);

(C) Void fun (double d);

(D) Void fun (double d);

Void fun (char ch);

Void fun (int y);

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				
4	Which visibility mode should be used when you want the features of the base				
-	class to be available to the derived class but not to the classes that are derived				
	from the derived class?				
	(A) Private (B) Public (C) Protected (D) All of these				
5	Inheritance is a process of creating new class from				
٥.	(A) Base class (B) abstract (C) derived class (D) Function				
6.	A class is derived from a class which is a derived class itself, then this is referred to as				
••	(A) multiple inheritance (B) multilevel inheritance				
	(C) single inheritance (D) double inheritance				
7.	Which amongst the following is executed in the order of inheritance?				
. •	(A) Destructor (B) Member function (C) Constructor (D) Object				
8.	Which of the following is true with respect to inheritance?				
•	(A) Private members of base class are inherited to the derived class with private				
	(B) Private members of base class are not inherited to the derived class with private				
	accessibility				
	(C) Public members of base class are inherited but not visible to the derived class				
	(D) Protected members of base class are inherited but not visible to the outsideclass				
9.	Based on the following class declaration answer the questions (from 9.1 to 9.4)				
	class vehicle protected:				
+	int wheels; int load;				
	public: public:				
	void input_data(float,float); void read_data(float,float)				
	void output_data(); void write_data(); };				
	orotected: class bus: private heavy_vehicle {				
-	nt passenger; char Ticket[20];				
	public:				
	class heavy_vehicle : protected void fetch_data(char);				
	vehicle { void display_data(); };				
	nt diesel_petrol;				
	9.1. Which is the base class of the class heavy_vehicle?				
	(a) Bus (b) heavy_vehicle (c) vehicle (d) both (a) and (c)				
9	2.2. The data member that can be accessed from the function displaydata()				
	a) passenger (b) load (c) Ticket (d) All of these				
	2.3. The member function that can be accessed by an objects of bus Class is				
	(a) input_data(), output_data() (b) read_data() ,write_data()				
	c) fetch_data(), display_data() (d) All of these				
	9.4. The member function that is inherited as public by Class Bus				
	(a) input_data(), output_data() (b) read_data(), write_data()				
	c) fetch data(), display data() (d) none of these				

CHAPTER 17: Computer Ethics And Cyber Security

1. Which of the following deals with procedures, practices and values							es?	
	a. piracy	b. programs		c. virus		d. computer ethics		
2.	Commercial programs made available to the public illegally are known as							
	a. freeware	b. warez		c. free soft	ware	d. softv	ware	
3.	Which one of the following are self-repeating and do not require a computer							
	program to attach themselves?							
	a. viruses	b. worms		c. spyware		d. Troj	ans	
4.	Which one of the following tracks a user visits a website?							
	a. spyware	b. cookies	c. worms		d. Troj	d. Trojans		
5.	Which of the following is not a malicious program on computer systems?							
	a. worms	d. Trojans		c. spyware		d. cook	kies	
6.	A computer netv	vork securit	y that	monitors	and	controls	incoming	and
	outgoing traffic is							
	a. Cookies	b.Virus		c. Firewall		d. wor	ms	
7.	The process of converting cipher text to plain text is called							
	a. Encryption	b. Decryption	n	c. key		d. prox	y server	
8.	e-commerce means	S						
	a. electronic commerce		b. electronic data exchange					
	c. electric data exchange		d. electronic commercialization.					
9.	Distributing unwanted e-mail to others is called.							
	a. scam	b. spam	c. frau	ıd	d. s	spoofing		
10	Legal recognition			carried out	by			
a. Electronic Data Interchangeb. Electronicc. Electronic Data Transferd. Electrica						c Data Exchange		
	c. Electronic Data T	d. Electrical Data Interchange						