Question	Option1	Option2	Option3	Option4	Answer	Your Answer
_____ computers perform the complex processing by directly measuring the discrete physical quantities.	Analog	Digital	Hybrid	Personal	2	2
_____ is a non-volatile memory chip in which data once stored cannot be altered by programmer	ROM	PROM	EPROM	ROM and PROM	1	1
Modern magnetic tapes use 8 bit _____code format for data recording	EBCDIC	BCD	ASCII	All of these options	1	3
The tape of magnetic tape storage is divided into Vertical columns called_____ and horizontal rows is called_____	Channels and Frames	Frames and Channels	Tracks and Frames	Channels and Tracks	2	1
Which of these is an electronic card.	Magnetic Strip Card	Smart Card	ATM Card	Punch Card	2	2
_____ is a set of control statements and extends processing capability of Computer system	Application software	System software	Operating system	Utilites	2	4
Different types of user interfaces include	System calls	Command language	Job control language	All of these options	4	0
FAT stands for	File Allocation Table	File Administration Table	File Available Table	File Allotment Transfer	1	1
The OSI model has _____ layers	5	6	7	8	1	3

Standard multimedia compression technique is	JPEG	MPEG FOR VIDEO	MPEG FOR AUDIO	All of these options	4	4
The mechanism of counting the 1 bits of the character bit set and adding a check bit to make the total number of 1 bits even while transferring the data, is referred to as	Parity	Even Parity	Odd Parity	Error Checking	2	2
The shortcoming of Mark 1 computer is _____	It is very slow	Very complex indesign and huge in size	Unreliable	It is very slow and also very complex indesign and huge in size	4	4
Which of the following are not Hard disk	Zip disk	Disk packs	Floppy disk	Winchester Disk	3	3
The unit of measurement of data transfer rate is _____	Maud	Baud	Bandwidth	None of these options	2	2
_____is collection of the facts or informational raw material and become information after processing.	Data	Database	Computer	Main Memory	1	1
Algorithms can be represented in various ways EXCEPT	PROGRAMS	FLOWCHARTS	DECISION CHARTS	SPREADSHEET	4	4
_____ contains the addresses of all the records according to the contents of the field designed as the record key.	Index	Subscript	Array	File	1	1
Advantages of using flow charts is	Effective Analysis	Efficient Coding	Time consuming	Effective Analysis and Efficient Coding	4	4
The logic used to perform instructions one after another	Selection logic	Sequence logic	End case	None of these options	2	2

is_____						
Computer languages are classified as all of the following EXCEPT:	Machine Language	Code language	Assembly language	High level Language	2	2
Limitation of Machine language are, EXCEPT:	Executed fast by Computer	Difficult to program	Error prone	Machine dependent	1	1
_____ is true for Syntax error.	It is easier to detect Syntax error compared to logical error	The program cannot be compiled and executed until all syntax errors are corrected	These program error typically involve incorrect Punctuation, undefined terms, no parenthesis etc.	All of these options	4	4
Program errors are known as _____	Virus	Bugs	Errors	All of these options	2	3
Commonly used file organization are:	Sequential	Direct and Random	Indexed Sequential	All of these options	4	4
_____language that enables users to define there requirements for extracting required information.	Query	Manipulation	DDL	DML	1	1
3.2 % 3	1	0	0.2	Err	4	3
What is o/p If c=10, d=20 (c> d ? printf(" Hi") : printf(" Hello"));	Hi	Hello	HiHello	None of these	2	2
Which of the following are keywords of the C language? i)if ii)else iii)then iv)elseif	All are keywords	only i,ii and iii are keywords	only i,ii and iv are keywords	only i and ii are keywords	2	3
which of the following is NOT a	`Thank You`	`enter values of p	`23.56e-03`	all of the above	4	4

character constant		n r`				
void main() { int arr[10]; printf("%d", sizeof(arr)); getch(); }	20	10	Error	None	1	1
Following are the rules for naming an identifier except:	Uppercase case letters are not equivalent to lowercase letters	Should not start with a digit but can have digits in between the name	Any letter with - + = sign	Letter starting with	3	3
What is output void main() { int n=3,a=2; a*= n+1; printf("%d", a); }	7	8	6	None	2	2
The keyword _____ breaks the control from while loop.	break	exit	both a and b	None	1	1
Consider the declaration #include Here the angled brackets indicate	The compiler will search only the standard libraries for the file myfile.h	The compiler will search first the user`s default/ working directory and then the standard libraries for the file myfile.h	The compiler will search only the user`s default/working directory	None of the above.	1	1
main() { printf(" \n Hello"); disp(); } disp() { printf(" \n Hi"); main(); }	Hi	Hello	Hello Hi Infinite no of times	Hello Hi still stack overflow	4	4
C() { printf("C"); } B() { C(); printf("B"); } A() { printf(" A"); B(); } main() { printf("M"); A(); }	CAMB	MABC	MCAB	MACB	4	4
which of the following shows the correct hierarchy of arithmetic operations in C	(), **, * or /, + or ?	(), **, *, /, +, -	(), **, /, *, +, -	(), / or *, - or +	4	4
main() { printf(" C to it that C servies"); main(); }	C to it that C servies infinitely	Compilation Error	Linker Error	C to it that C servies still stack overflow	4	4

The statement int (* arr [5]) (int *, char *) means	array of pointer to five functions	an integer function taking 5 arrays and returning an char	array of 5 pointer to integers	None of above	1	2
What error would the following function give on compilation ? f(int a, int b) { int a; a=20; return a; }	Missing parentheses in return statement	The function should be defined as int f (int a , int b)	Redeclaration of a	None of the above	3	1
If the binary equivalent of 5.375 in normalised form is 0100 0000 1010 1100 0000 0000 0000, 0000 what is the output of the following 'C' program ? main() { float a = 5.375; char *p; int i; p=(char*) &a; for(i=0;i<=3;i++) printf("%02x", (unsigned char)p[i]) ; }	40 AC 00 00	00 CA 00 40	00 00 AC 40	00 00 CA 04	3	0
Interpret the following statement : void(*b)(int *);	b is a pointer to a function which takes a pointer to an int and returns a void	invalid statement	b is a pointer to a void which can be typecast as a pointer to int	b is a pointer of type int which is a pointer to a void	1	1
From an ascending priority queue only the_____item can be removed	Largest	Smallest	Rear	Top	2	4
Consider the program segment given below. (The numbers represent program line numbers) : 1. #include<stdio.h> 2. int y; 3. void main() 4.{ 5. int x,*px,**px;	10	100	1000	20	3	0

6. x = 10; 7. y = 1000; 8. px = &x; 9. ppx = &px; 10. f3(ppx); 11. printf("%d",*px); 12.} 13.void f3(int **pp) 14.{ 15. *pp = &y; 16. printf("%d",**pp); 17.} The printf() at line 11 prints the value :						
A stack in c is declared as a ____ containing two objects	array	structure	group	collection of element	2	1
The remove operation can only be performed, if the queue is	empty	non empty	overloaded	underflow	2	2
Stack is constantly changing	element	object	memory location	set of integers	3	3
In a doubly linked list if a node is to be deleted between two nodes, how many links of the existing list have to be modified?	2	4	3	1	3	4
What is the output of the following code? void main()	100	200	300	None of the above	2	1

{
 	
 int i = 100, j = 200;
 	
 const int *p=&i;
 	
 p = &j;
 	
 printf("%d",*p);
 	
 }						

The value of automatic variable that is declared but not initialized will be	0	-1	Garbage	None	3	3
In a'C' program constant is defined	before main	after main	anywhere	none of the above	3	3
What does the term 'call-by-reference' refer to?	Passing a copy of a variable into a function.	Passing a pointer to a variable into a function.	Choosing a random value for a variable.	A function that does not return any values.	2	2
Consider the following declaration ::- enum color {black=-1, blue, green }; This represents	black= -1,blue=2, green=3	black= -1 ,blue = -2, green= -3	black= -1 ,blue = 0, green= 1	an illegal declaration	3	3
The macro FILE is defined in which of the following files;	stdlib.h	stdio.h	io.h	stdio.c	2	2
A function called total(), totals the sum of an integer array passed to it (as the first parameter) and returns the total of all the elements as an integer. Let the second parameter to the function be an integer which contains the number of elements of the array. The correct code is	int total(int numbers[], int elements) {	int total(int numbers[], int elements) {	int total(int numbers[], int elements) {	None of the above	4	4

What does the term call-by-value refer to?	Passing a copy of a variable into a function	Passing a pointer to a variable into a function	Choosing a random value for a variable	A function that does not return any values	1	1
Associativity of unary minus is	right to left	left to right	from center	None	1	1
void main() { int I=0; for(;I= =2;) { printf("%d", I); I++; } }	0	0 1 2	0 1	No output	4	4
If (ps->top=-1) return (true); else return (false); For this group of statements suggested shorter and more efficient method	return (1 (ps->top=+1) else return 0;	return (ps->top==-1);	return(top+1);	it can not be made shorter	3	1
The fwrite() and fread() functions handle data in	text form	binary form	hexadecimal form	octal form	2	1
When the language has the capability to produce new data type,it is called____.	Extensible	Encapsulation	Overloading	Overriding	1	4
_____ is the good example of a method that is shared by all instance of a class.	Constructor	Attribute	Constructor and Attribute	None of these options	1	3
Which of the following are class relationships?	is-a relationship.	Part-of relationship.	Use-a relationship.	All of these options.	4	1
Derived class inherits from base class.	Data members.	Member function.	Constructor & destructor.	Both Data members and Member function.	4	4
A contract is implemented through.	Class	Interface.	Abstract Class.	Interface and Abstract Class	4	0
Complex object composing of other object is called_____	Aggregation	Assosiation	Composition	None of these options	1	2
A relationship that can be identified between two object entities (classes or	function	association	link	activity	2	2

individuals) is called a _____.						
Which are the main three features of OOP language?	Data Encapsulation, Inheritance & Exception handling	Inheritance, Polymorphism & Exception handling	Data Encapsulation, Inheritance & Polymorphism	Overloading, Inheritance & Polymorphism	3	3
Cardinality can be represented as:	1?.n, where n represents an unlimited value.	Only with a line between base class & derived classes	A line with an arrow-head pointing in direction of parent or superclass.	Cannot be represented in UML.	1	0
Method is another name of____	Function	Attribute	Behavior	None of these options	1	3
SATURINE : MERCURIAL ::	redundant : wordy	saturn : venus	heavenly : starry	wolf : sly	3	0
KIND : BENEVOLENT ::	Requital :reverberate	Reverentral:imprudent	Circumspect:short-sighted	Muddy:unclear	4	0
Horse : colt ::	bird : eaglet	child : adult	seed : fruit	sheep : lamb	4	4
CONE : PINE ::	fruit : berry	bulb : flower	acorn : oak	needle : fir	3	0
MANDATORY : OPTIONAL ::	pious : indignant	competent : inept	opaque : ornate	chaste : celibate	2	0
BLUEPRINT : CONSTRUCTION ::	itinerary : trip	signal : light	tenant : premises	volume : library	1	3
CELEBRATE : MARRIAGE ::	window : bedroom	lament : bereavement	pot : pan	face : penalty	2	2
PROHIBITED : REFRAIN ::	innocuous : forbid	deleterious : embark	required : decide	compulsory : comply	4	1
ASSUAGE :	humiliate	intensify	convert	solidify	2	0
DORMANT :	authoritative	elastic	active	uninteresting	3	0
Studies over the last 20 years have shown that virtually all babies born to drug -addicted mothers are themselves adicted to drugs. No such correlation, however,	There have been instances in which drug-addicted babies have been born to addicted fathers and non-addicted mothers.	Although some biological conditions have been shown to be genetically based, drug addiction is not among them	Drug addiction is an acquired condition which cannot be passed on from a mother to her children	Prior to the recent development of DNA testing, which maternity was unquestionable, paternity could not be positively	1	1

has been shown between drug-addicted fathers and thier newborn children. It would appear, then, that drug addiction is a genetically inherited trait that is gender-linked and passed through the mother. All the following, if true, would weaken the argument above EXCEPT				determined		
During 1985, advertising expensing expenditure on canned food products increased by 20 percent, while canned food consumption rose by 25 percent. Each of the following, if true, could help explain the increase in food consumption except	Advertising effectiveness increased	Canned food price decreased relative to substitutes	Canned food products were avaible in more stores	Canned opener production doubled	4	1
The gateway of india is in mumbai mumbai is in maharashtra therefore the gateway of india is in maharashtra	false	cannot say	true	probably false	3	3
Ravi is the younger than sachin sachin is younger than tarun therefore ravi is the youngest among them	true	false	cannot say	probably true	1	1
During 1985, advertising expenditures on canned food products increased by 20%, while canned food consumption rose by 25%.Each of the following, if true,	Advertising effectiveness increased.	Canned food prices decreased relative to substitutes.	Canned food products are available in more stores.	Can opener production doubled.	1	3

could help explain the increase in food consumption except:						
The movement of ownership by unions is the latest step in the progression from management ownership to employee ownership. Employee ownership can save depressed and losing companies. All the following statements, if true, provide support for the claim above except:	Employee-owned companies generally have higher productivity.	Employee participation in management raises morale.	Employee union ownership drives up salaries and wages.	Employee union ownership enables workers to share in the profits.	3	3
One major obligation of the social psychologist is to provide his own discipline, the other social sciences and conceptual tools that will increase the range and the reliablilty of their understanding of social phenomena. Beyond that, responsible government officials are today turning more frequently to the social sientists for insight into the nature and solution of the problems with which they are confronted. The above argument assumes that:	Social psychologist must have a strong background in other sciences as will as their own	A study of social psychology should be part of the curriculim of government officials.	The social scientist has an obligation to provide the means by which social phenomena may be understood by others	Social phenomena are little understood by those outside the field of social psychology.	3	3
starting from a point x jayant walked 15metres towards the west he turned to his left and walked 20 metres he then turned to his left and walked	32 metres south	47 metres east	42 metres north	27 metres south	1	1

15 metres he then further turned to his right and walked 12 metres how far is jayant from the point x and in which direction?						
If P and N are done on Thursday and Friday, then which of the following is true?	L is done on Tuesday	L is done on Wednesday	M is done on Monday	O is done on Tuesday	2	0
A farmer plants only five different kinds of vegetables -- beans, corn, kale, peas, and squash. Every year the farmer plants exactly three kinds of vegetables according to the following restrictions:

If the farmer plants corn, the farmer also plants beans that year.

If the farmer plants kale one year, the farmer does not plant it the next year.

In any year, the farmer plants no more than one of the vegetables the farmer planted in the previous year.

Which of the following is a possible sequence of combinations for the farmer to plant in two successive years? | Beans, corn, kale, corn, peas, squash | Beans, corn, peas, beans, corn, squash | Beans, peas, squash, beans, corn, kale | Corn, peas, squash, beans, kale, peas | 3 | 1 |
| If $\sqrt{x} + \sqrt{49} = 8.2$, then the value of x is equal to | 1.20 | 1.40 | 1.44 | 1.89 | 3 | 3 |
| If a = -1 and b = -2, | 343 | 216 | 125 | 64 | 2 | 2 |

what is the value of $(2 - ab^2)^3$?						
If z = 1, y = 2.......a = 26. Find the value of z + y + x + ...+a.	351	221	400	200	1	1
A clock that gains two minutes each hour is synchronized at midnight with a clock that loses one minute an hour. What will be the difference, in minutes, between the times shown on the two clocks when a third clock correctly shows noon?	36	24	14	12	1	4
50 copies of a book can be purchased for a sum payable 3 months hence while 51 copies can be had for same sum for cash payment. What is the rate of interest per year?	6 %	8 %	10 %	12 %	2	0
The Compound interest on a sum of money in 3 years at the rate of 5% per annum is Rs.1261. What is the simple interest of the same sum of money in the same number of years but at 4% per annum of simple interest.	960	900	840	800	1	0
If the radius of a cylinder is tripled while its height is halved, its volume will be	halved	unchanged	doubled	increased by 350%	4	4
In a group of people solicited by a charity, 30% contributed Rs.40each, 45% contributed Rs.20	30%	40%	45%	50%	4	0

each, and the rest contributed Rs.12 each. What percentage of the total contributed came from people who gave Rs.40?						
A is 8 miles east of B. C is 10 miles north of B. D is 13 miles east of C and E is 2 miles north of D. Find shortest distance between A and E.	5 miles	6 miles	13 miles	18 miles	3	3
A dishonest milk seller professes to sell milk at cost price but gains 12 1/2%. The proportion of water he adds to milk is	8 : 1	6 : 2	5 : 1	None of the above.	1	0

You have score 58