

Question	Option1	Option2	Option3	Option4	Answer
The decimal equivalent of 1011 is	21	11	10	12	2
The _____ is useful device to obtain the computer output in the form of graphs or drawings.	Graph plotters	Graphic pens	OCR	Punch Cards	1
_____ holds data as the CPU works with it.	Processor	Memory	Processor and Memory	None of these options	2
In a floppy, the circular plate coated with magnetic oxide, is divided into _____ and these are further divided into _____.	sectors, tracks	tracks, sectors	circles, sectors	ovals, circles	2
Which of these is not a output device.	Monitor	Plotter	Keyboard	COM	3
Source code analysis tools functions as _____	Design screens ,menus ,reports etc.	Testing and debugging of programs	Optimising programs by Pointing out unreachable lines of code	Generate source code from design given	3
The principle task of a command language is:	To initiate execution of programs	To access the system functions	To cause an interrupt	None of these options	1
_____ is a program execution.	Procedure	Process	Algorithm	All of these options	2
_____ is the smallest unit of data	Frame	Header	Byte	Bit	4
In the third generation of computers which of the following type of machines was introduced?	Mini computers	Micro computers	Main frame Computers	Super computer	1
_____ Gate is the Universal gate	NAND	OR	AND	NOR	2
A small high speed memory which is used to increase the speed of	RAM	ROM	Cache Memory	None of these options	3

processing is_____					
Which of the following are of type Optical Disk:	CD-ROM	WORM	CD-ROM and WORM	Zip disk	3
The transistor technology was introduced in _____ generation	First generation	Third generation	Second generation	Fourth generation	3
_____ is concerned with the decision to temporarily remove a process from the system.	High level scheduling	Low Level scheduling	Medium Level scheduling	None of these options	3
Pictorial representation of an Algorithm is _____	flowchart	algorithm	graphics	procedure	1
The programming language that was designed for specifying algorithm	Address	ASCII	ALGOL	None of these options	3
A table used to define clearly the word statement of a problem in a tabular form is_____	Design table	Decoder	Decision Table	Debugging	3
The flow lines are represented by the symbol of	Arrows	Oval	Circle	Rectangle	1
Language Primarily used for internet-based applications	ADA	C++	JAVA	FORTRAN	3
Machine language has two part format the first part is_____ and the second part is _____	OPCODE,OPER AND	OPERAND,OPC ODE	DATA CODE,OPERAN D	OPERAND,CODE OP	1
The process of incorporating changes in an existing system to enhance, update its features is_____.	System Maintenance	System Valuation	System evaluation	None of these options	1
The errors that occur in computer program is_____	Syntax error	Logical error	Syntax error and Logical error	None of these options	3

_____language that enables users to define there requirements for extracting required information.	Query	Manipulation	DDL	DML	1
The file organization method that can be used with magnetic tape storage is:	Direct	Sequential	Indexed Sequential	None of these options	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
The largest permissible magnitude of an integer constant is:	same as the octal integer number	same as the short integer number	same as integer	None of these options	4
The expression, $a = 7/22 * (3.14 + 2) * 3/5$; evaluates to	8.28	6.28	3.14	0	4
The Output of the following code is: #include<stdio.h> void main() { float a = 1, b; int m = 3, n = 5; b = (a ? m : n)/2.0; printf ("%3.1f ", b); }	5.0	3.0	1.5	1.0	3
Which statement sets the 3rd lowermost bit of an unsigned integer x to 0, leaving other bits unchanged?	$\wedge 3$;	$x (\sim 3)$;	$x\&(\sim 3)$;	$x\&3$;	4
What is the output of the following code? #include<stdio.h> void main() { int a = 32, b = 66; if (a, b) printf("\n %d",a); else printf("\n%d",b); }	32	66	Error	None of these options	1
What is the output of the following code?	Error	20	90	garbage value	3

<pre>#include<stdio.h> void main() { int a = 20; printf("%d",a + `F`); }</pre>					
<p>The statement that compares the value of an integer called sum against the value 65, and if it is less, prints the text string "Sorry, try again", is</p>	<pre>if(sum < "65") printf("Sorry, try again");</pre>	<pre>if(sum <= 65) printf("Sorry, try again");</pre>	<pre>if(65 == sum) printf("Sorry, try again");</pre>	<pre>if(sum < 65) printf("Sorry, try again");</pre>	4
<p>What is the output of the following code?</p> <pre>#include<stdio.h> void main() { int s=3,score=200; switch(s) { case 1: printf("\n %d ",score + 1); case 2: printf("\n %d\nt",score + 2); case 3: printf("\n %d\nt",score + 3); case 4: printf("\n %d\nt",score + 4); case 5: printf("\n %d\nt",score + 5); }</pre>	203	203 207 212	203 204 205	None of these options	3
<p>What is the output of the following code?</p> <pre>#include <stdio.h> aaa() { printf("hi"); } bbb() { printf("hello"); } ccc() { printf("bye"); } main()</pre>	hi	hello	bye	error	4

<pre> { int (*ptr[3]) (); ptr[0]=aaa; ptr[1]=bbb; ptr[2]=ccc; ptr[3]=(); } </pre>					
When a function is called in C and parameters are passed into the routine, the variables passed by	reference	value	address	None of these options	2
Sending a copy of data to a program module is called _____.	Recursion	Passing a reference	Passing a value	None	3
What will happen if you assign a value to an element of an array whose subscript exceeds the size of the array?	The element will be set to 0	Nothing, its done all the time	Other data may be overwritten	Error message from the compiler	4
The statement int n[4] = { 11, -13, 17, 105}	assigns the value 17 to n[3]	is wrong; it gives an error message	assigns the value 17 to n[2]	assigns the value - 13 to n[2]	3
What will happen if you try to put so many values into an array when you initialize it that the size of the array is exceeded?	Nothing	Possible system malfunction	Error message from the compiler	Other data may be overwritten	3
Which of the following is the correct way of declaring a float pointer:	float ptr;	float *ptr;	*float ptr;	None of the above	2
Which of these are reasons for using pointers? 1.To manipulate parts of an array 2.To refer to keywords such as for and if 3.To return more than one value from a function 4.To refer to particular programs more conveniently	1 & 3	Only 1	Only 3	All of the above	1
The purpose of declaring float (*x) (int(*a)[]); is to indicate :	x is a pointer to a function that accepts an argument which is an array of	amibiguous declaration	x is a pointer to a function that accepts an argument which is a pointer to an	None of these options	3

	pointers to integer quantities and returns a pointer to a floating point quantity.		integer array and returns a floating point quantity.		
<pre>void main() { int I,fun1(),fun2(),fun3(); int (*f[3])(); f[0]=fun1; f[1]=fun2; f[2]=fun3; for(I=0;I<3;I++) (*f[I])(); } fun1() { printf("what");fun2();} fun2() {printf("happened");} fun3{printf("Tulika");} What is the output of this program?</pre>	what happened Tulika	what happened	what happened happened Tulika	Error:Invalid pointer assignment	3
<pre>What is the output of the following code? #include<stdio.h> void main() { int arr[] = {10,20,30,40,50}; int *ptr = arr; printf("\n %d\t %d\t",*++ptr, *ptr++); }</pre>	30 20	30 10	20 30	30 30	2
The correct way for a structure in C to contain a pointer to itself is	<pre>typedef struct { char *item; NODEPTR next; } *NODEPTR;</pre>	<pre>struct node { char *item; struct node *next; }; typedef struct node *NODEPTR;</pre>	Both are correct.	None of above.	2
Individual structure member can be initialized in the structure itself	True	False	Compiler dependent	None of these options	2
Given the statements, struct someone { int age; char *name; } *person; the C statement that will print out the name of the	printf("%s", person.name);	printf("%c", person->name);	printf("%s", someone.person->name);	None of the above	4

person is :					
The operation for adding an entry to a stack is traditionally called:	Add	Append	Insert	Push	4
Transform this expression to infix form? AB+C*DE--FG+\$	\$+*ABC--FGDE\$	\$+GF--ED*C+BA	((A+B)*C- (D-E))\$(F+G)	None of the above	3
Which data structure is needed to convert infix notation to postfix notation	Linear list	Queue	Tree	Stack	4
In the array representation of circular queue when can we say that the queue is full?	Front=rear	(rear+1)%max==front	(rear-1)%max==front	rear=front-1	2
For queue which of following are true	It is an ordered list	All the insertions are made at rear	All the deletion are made from front	All of the above	4
A linear list, in which elements can be added or removed at either end but not in the middle, is known as	Queue	Tree	Stack	Deque	4
What is the output of the following code? #include<stdio.h> void main() { int a = 0; printf("\n %d\t", (a = 10/a)); }	0	1	Compile Time error	Runtime Error	4
Text file end with?	`\n`	Null value	`\r`	EOF	4
If you don't initialize a static array, what will be the elements set to?	0	an undetermined value	a floating point number	the character constant `0`	1
12.34f is a _____ constant.	string literal	float literal	double literal	character literal	2
What is the output of the following code if user enters "This is a test"? #include<stdio.h> #include<string.h> void main() { char str[8];	This is a test	This is a	This	Error	3

scanf("%s",&str); printf("\n%s",str); }					
What is the output of the following code? #include<stdio.h> void main() { /* this is /* an example */ of nested comment */ printf("\n123"); }	123	Compile time error	Run time Error	None of these options	2
Encapsulation is	Information hiding	Data Binding	Information hiding and Data Binding	None of these options	3
Encapsulation prevents the program from becoming _____	Lengthy	Complicated	Independent	Interdependent	3
_____ is the property of an object that distinguishes it from all other object.	Identity	State	Behaviour.	None of these options.	1
What is the term used to describe the situation when a derived class provides a function already provided in the base class?	Inheritance	Polymorphism.	Overloading	Both Inheritance & Overloading	2
Abstract class cannot have _____.	Zero instance.	Multiple instance.	Both Zero instance & Multiple instance.	None of these options.	2
An object containing other object is called_____.	Containing	Composition	Containing and Composition	None of these options	2
What name is given to a collection of components or routines?	Bank	Namespace	Library	Schema	3
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
Peer-to-peer relationship is a type of _____.	Association	Aggregation	Link	None of these options	3
The use of constructor is	to initialize the	to allocate	To initialize the	None of these	1

_____.	objects of it`s class.	memory for the objects of it`s class only	objects of it`s class as well as to allocate memory for the objects of it`s class	options.	
There are any number of theories to explain these events and, since even the experts disagree, it is _____ the rest of us in our role as responsible scholars to _____ dogmatic statements.	paradoxical for ... abstain from	arrogant of ... compensate with	incumbent on ... refrain from	opportune for ... quarrel over	3
ODE : POEM ::	character : novel	brick: building	ballad : song	street : intersection	3
GAZELLE : SWIFT ::	horse : slow	swan : graceful	lion : roar	lamb : bleat	3
CONE : PINE ::	fruit : berry	bulb : flower	acorn : oak	needle : fir	3
LUBRICANT : FRICTION ::	balm : pain	eraser : correction	solvent : paint	reagent : chemical	1
HAM : PORK ::	Pickle:sardine	Jelly:jam	Wine:grapes	Chocolate:coffee	3
DISINTERESTED :	biased	violent	complete	humane	1
GRACEFUL : MOVEMENT ::	articulate : speech	fastidious : grime	humorous : laughter	servile : rebellion	1
DORMANT :	authoritative	elastic	active	uninteresting	3
SALIENT :	insignificant	climactic	worrisome	awesome	1
The movement to ownership by unions is the latest step in the progression from management ownership. Employee ownership to 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 productive	Employee participation in mangae ment raises morale	Employee union owner drives up salaries and wages	Employee union ownership enable worker to share in the profits.	3
In 1950, transylvania earned \$ 1 million in tourist revenue.By 1970, tourist revenue doubled	The number of tourists has increased from 1950 to 1980	average expenditure per tourist has increased	Average stay per tourist has increased	the number of total hotel rooms has increased.	4

and in 1980, it reached the sum of \$4 million Each of the following, if true may explain the trend in tourist revenue except:					
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
Monopoly is characterized by an absence of or decline in competition. The ABC company realizes that its operations are in competitive industries. Which of the following conclusions may be inferred from the above?	ABC`s market is not monopolistic.	Monopoly is defined as one seller in a market.	The ABC company has no domestic competitors	The ABC company is publicly owned	1
The Pistons have more points than the Nuggets. The Bullets have less points than the Lakers. The Nuggets and the Suns have the same number of points. The Suns have more points than the Bullets. If the above is true, which of the following must also be true?	The Nuggets have fewer points than the Bullets.	The Pistons have more points than the Bullets.	The Nuggets have fewer points than the Lakers.	The Lakers have more points than the Pistons.	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, could help explain the increase in food consumption except:	Advertising effectiveness increased.	Canned food prices decreased relative to substitutes.	Canned food products are available in more stores.	Can opener production doubled.	1
A person hearing this advertisement countered,	being overweight is always caused by unhappiness and unattractiveness	being overweight is the only cause of unhappiness and unattractiveness	unhappiness and unattractiveness can cause someone to be overweight	unhappiness necessarily leads to being overweight	2
Looking at a potrait, A	A`s Uncle	A`s sister	A`s grandmohter	A`s mother	4

said "her mother`s only son is my cousin`s father". My cousin is the daughter of my maternal uncle who has an only sister. whose potrait was "A" looking at?					
If F sits directly opposite L,H sits at the head of the table, and G sits immediately on H`s left, what is the total number of possible seating arrangements of the guest ?	One	Two	Three	Four	1
If F sits directly opposite L and between K and M, which guest must sit directly opposite M?	G	H	J	K	3
$0.000006 * 0.0000007 = ?$	0.00000000042	0.000000000042	0.00000000000042	0.000000000000042	3
The sum of digits of a two-digit number is 8 and the product of the digits is 15. What is the difference between the digits of that number?	4	2	6	none of the above	2
The price of 4 rolls, 6 muffins, and 3 loaves of bread at a certain bakery is \$9.10. The price of 2 rolls, 3 muffins, and a loaf of bread at the same bakery is \$3.90. What is the price of a loaf of bread at this bakery?	\$1.10	\$1.20	\$1.25	\$1.30	4
Robert is 15 years older than his brother Peter. However, y years ago Robert was twice as old as Peter. If Peter is now b years old and $b > y$, find the value of $b - y$.	13	14	15	16	3
If paper costs 1 paisa per sheet, and a buyer gets a 2% discount on all the paper he buys after the	Rs 49.30	Rs 50.00	Rs 39.20	Rs 49.20	1

first 1000 sheets, how much will it costs to buy 5000 sheets of paper?					
The inside circumference of a circular running track is 88 metres long and the track is everywhere 7 metres wide. Find the cost of leveling the track at the rate of 18 P per square metre.	Rs. 140	Rs. 138.60	Rs. 143.70	none of the above	2
How many metres of silk at Rs. 4.50 a metre must a draper give in exchange for 50kg of sugar at Rs. 2.70 a kg?	21	27	30	None of the above	3
The price of jute has been reduced by 20%. If the reduced price is Rs. 800 per quintal, the original price per quintal was	960	1000	980	640	2
A grain merchant bought 50kg of wheat at the rate of Rs. 7 per kg. And 20 kg of wheat at the rate of Rs. 8 per kg. After mixing the two, he sold at the rate of Rs.10 per kg. What was his total profit in this transaction?	190	510	290	none of the above	1
If $m = 121 - 5k$ is divisible by 3, which of the following may be true? 1. m is odd 2. m is even 3. k is divisible by 3	1 only	2 only	2 and 3 only	1 and 2 only	4

You have score 55