Question	Option1	Option2	Option3	Option4	Answer
_____performs and supervises the execution of instructions and directs other devices of computer to act as per their designated functions.	ALU	Control Unit	RAM	Main Memory	2
All of the following are input devices EXCEPT	Touch screen	Punch Cards	Mouse	None of these options	4
Magnetic disk is a _____ storage device	Direct access	Indirect access	Random access	None of these options	1
Which of the following are not Hard disk	Zip disk	Disk packs	Floppy disk	Winchester Disk	3
Which of these keys belong to QWERTY keyboard	Numeric Keypad	null	Alphanumeric Keys	All of these options	4
Collection of Programs is	Software	Instructions	Hardware	Procedure	1
_____is a program execution.	Procedure	Process	Algorithm	All of these options	2
_____ is an operating system	MS-DOS	WINDOWS	LINUX	All of these options	4
The conversion of digital data to analog form is _____	Modulation	Demodulation	Sampling	Modem	1
The first generation machines used _____	Vaccum Tube	Transistors	IC`s	None of these options	1
The input interfaces transforms the data into _____code	hexa	binary	octal	decimal	2
Super computers use _____ and _____ technologies to solve complex problems faster	RISC AND CISC	MULTIPROCESSING AND PARELLEL PROCESSING	PARELLEL PROCESSING AND RISC	FUZZY LOGIC AND NEUTRAL TECHNIQUE	2
Different types of user interfaces include	System calls	Command language	Job control language	All of these options	4
_____ is a device	Trasistor	Transducer	Sampler	Scanner	2

capable of changing signals from one form to another.					
The interface that enables similar networks to communicate is called	Bus network	Router	Cable modem	Bridge	4
A value written into a program instruction that does not change during the execution of program.	Identifiers	Constants	Objects	Operators	2
Algorithms can be represented in various ways EXCEPT	PROGRAMS	FLOWCHARTS	DECISION CHARTS	SPREADSHEET	4
_____ symbol is used for Processing of data.	Oval	Parallelogram	Rectangle	Diamond	3
The _____ symbol is used to indicate the comments/remarks on the contents of a procedure in order to clarify some point of the flowchart.	Document	Annotaion	Arrow	Connector	2
All of the following are computer Language Processors EXCEPT:	Compiler	Translation Software	Interpreter	None of these options	4
Language Primarily used for internet-based applications	ADA	C++	JAVA	FORTRAN	3
The errors that occur in computer program is_____	Syntax error	Logical error	Syntax error and Logical error	None of these options	3
Program errors are known as _____	Virus	Bugs	Errors	All of these options	2
The component of data base management system is _____	Data definition Language	Data manipulation Language	Data definition Language and Data manipulation Language	None of these options	3
The file organization method which stores records in no specific order is called:	Direct	Indexed Sequential	Sequential	Batch	1

Question	Option 1	Option 2	Option 3	Option 4	Ans
C can be used on	Only MS-DOS operating system	only unix operating system	only windows operating system	All of these options	4
Which of the following is not a valid identifier?	name_23	__tail__	2ndday	None of these options	3

void main()
{
  int A=0, B=0, C=0, D=0;
  if((A==B)&&(A*B<=B))
  {
    if(D==1) C=1;
    else
    if(A==1) C=2;
  }
  else
    C=3;
  if((B==0)&&(A==B)&&(A!=1))
    D=1;
}
What are the final values of C and D?
	1 0	0 0	0 1	1 1	3

#include<stdio.h>
void main()
{
int x=10;
(x<0)?(int a =100):(int a =1000);
printf(" %d",a);
}
	Error	1000	100	None of these options	1

If `a` is an integer variable, a = 5/2; will return a value:	2.5	3	2	0	3

What is the output of the following code :
#include<stdio.h>
void main()
{
  extern int out;
  printf("%d",out);
}
int out=100;
	Run time error	Compile time error	100	Garbage value	3

What is the output of the following code?
#include<stdio.h>
void main()
{
  int a = 0;
  printf("\n %d\t", (a =
	0	1	Compile Time error	Runtime Error	4

10/a)); }						
Write a for loop which will read five characters (use scanf) and deposit them into the character based array words, beginning at element 0.	for(loop = 0; loop < 5; loop+ +)scanf(	for(loop = 0; loop <= 5; loop++)scanf(	for(loop = 0; loop < 4; loop+ +)scanf(	None of these options	1	

#include<stdio.h>
void main()
{
  while (1)
  {
    if (printf("%d",printf("%d")))
      break;
    else
      continue;
  }
}
The output is
	Compile time error	Goes into an infinite loop	Garbage values	None of these options	3	

What is the output of the following code?
#include<stdio.h>
char *someFun()
{
  char *temp = "String constant";
  return temp;
}
main()
{
  puts (someFun());
}
	String constant	Null value	Error	None of these options	1	

What is the output of the following code?
#include<stdio.h>
int Check(int);
void main()
{
  printf("\n%d\ t",Check(100));
}
int Check(int a)
{
  if(a%2==0)
  {
    return 1;
    break;
  }
  return 0;
}
	1	0	Error	None of these options	3	

The expression	f() + g() * h()	f() + (g() * h())	Any of these	None of these	4	

			options	options	

temp1 = f();
temp2 = g();
temp3 = h();
temp4 = temp2 * temp3;
temp5 = temp1 * temp4;
is equivalent to					

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
Elements in an array are identified by a unique _____.	symbol	order	subscript	data type	3

What is the output of the following code?
#include<stdio.h>
void main()
{
int arr[2][3][2]={{{2,4},{7,8},{3,4},}, {{2,2},{2,3},{3,4}, }};
printf("\n %d",**(*arr+1)+2+7);
}
	16	7	11	Error	1

What is the output of the following code?
#include<stdio.h>
void main()
{
int arr[] = {10,20,30,40,50};
int x,*ptr1 = arr, *ptr2=&arr[3];
x = ptr2 - ptr1;
printf("\n%d\t",x);
}
	6	3	Compile Time error	Runtime Error	2

An address is a _____, while a pointer is a _____.	variable, location	variable, position	constant, variable	None	3

#include"stdio.h"
main()
{
int *p1,i=25;
void *p2;
p1=&i;
p2=&i;
p1=p2;
p2=p1;
printf("%d",i);
}
The output of the above code is :
	Program will not compile	25	Garbage value	Address of I	2

main()	k k	Don`t walk in front of	I may not	k	4

Question	Option A	Option B	Option C	Option D	Ans	

``
{
char thought[2]
[30]={"Don`t walk in
front of me..","I am not
follow"};
printf("%c
%c",*(thought[0]+9),*(*(
thought+0)+5));
}
``
What is the output of this program?
		me	follow			

ptr equivalent of a[i][j] is	((*a+i)+j)	*(*(a+i)+j)	**a+i+j	none of these options	2	
Given the statement, maruti.engine.bolts = 25; which of the following is true?	structure bolts is nested within structure engine	structure engine is nested within structure maruti	structure maruti is nested within structure engine	structure maruti is nested within structure bolts	2	

``
struct num
{
int no;
char name[25];
};
void main()
{
struct num
n1[]={{25,"rose"},
{20,"gulmohar"},
{8,"geranium"},
{11,"dahalia"}};
printf("%d%d"n1[2].no,
(*&n1+2)->no+1);
}
``
What is the output of this program?
	8 8	8 9	9 8	8 , unpredictable	2	

What is the output of the following program?
``
void main()
{
struct player
{
char name[30];
unsigned char
player_number;
float batting_average
};
printf("size = %d", sizeof
(struct player));
}
``
	size = 32	size= 35	size= 36	size= 33	3	

Question	A	B	C	D	Ans
A _____ is a linear list in which additions and deletions take place at the same end.	Stack	Queue	Linked list	None of the above	1
Stack can be represented using	Arrays	Arrays or linked list	Only linked list	None of the above	2
Stack is not used in	Recursion	Quick Sort	Postfix Notation	Simulation	4
Which of the following is not an operation of queue, assuming that queue has items `Q` and `X`?	empty(Q)	deque(Q,X)	enque(Q,X)	push(Q,X)	4
Consider a linked list of n elements. What is the time taken to insert an element after an element pointed by some pointer?	O(log2n)	O(n)	O(1)	O(n log2n)	3
The node of the circular doubly linked list must have:	One data and two address fields	One data and one address fields	Two data and two address fields	Two data and one address fields	1
The function of the C Preprocessor is:	macro replacement	conditional inclusion	file inclusion	All of the above.	4
The statement that prints out the character set from A-Z, is	for(a = `z`; a < `a`; a = a - 1) printf("%c", &a);	for(a = `a`; a <= `z`; a = a + 1) printf("%c", &a);	for(a = `A`; a <= `Z`; a = a + 1) printf("%c", a);	for(a = `Z`; a <= `A`; a = a + 1) printf("%c", a);	3
/*consider that file zzz.h starts here*/ printf("Hello"); /*and ends here*/ void main() { #include "zzz.h" printf("World"); } What is the output of the above program	World	Hello	HelloWorld	Compilaion Error	3
The function called menu which prints the text string "Menu choices", and does not pass any data back, and does not accept any data as parameters, looks like	void menu(void) { printf("Menu choices"); }	int menu(void) { printf("Menu choices"); }	int menu(char string[]) { printf("%s", string); }	None of the above	4

Question	Option 1	Option 2	Option 3	Option 4	Ans
Which of the following are correctly formed #define statements	#define INCH PER FEET 12	#define SQR (X * X) (X)	#define SQR (X* X * X)	#define SQR(X) (X) * (X)	4
When is linear queue said to be empty ?	Front==rear	Front=rear-1	Front=rear+1	Front=rear+1	1
The data type created by the data abstraction process is called	Class	Structure	Abstract Data type	User Define Data type	3
Peer-to-peer relationship is a type of _____.	Association	Aggregation	Link	None of these options	3
An object has _____.	State	Behaviour	Identity.	All of these options.	4
A derived class	Inherits data members and member functions from base class.	Inherits constructors and destructor.	Object can access protected members with the dot operator.	Inherits data members and member functions from base class as well as Inherits constructors and destructor.	1
Reusability can be achieved through.	Inheritance.	Composition.	Association.	All of these options	4
An object containing other object is called_____.	Containing	Composition	Containing and Composition	None of these options	2
UML stands for	Unique modeling language.	Unified modeling language	Unified modern language	Unified master laqnguage	2
The term given to the process of hiding all the details of an object that do not contribute to its essential characteristics is called _____.	data-hiding.	packaging.	encapsulation.	grouping	3
If constructor is not provided then	Compiler will not compile the class	Object creation is not possible	All Objects data will be stored in same memory area so overwriting of data will happen	Default constructor will be provided	4
Method overloading is _____	Overloading different member	A feature in which member function with same name and	Overloading without argument	None of these	1

	function of a class	different signature.	pasing.	options	
WATERFALL : CASCADE ::	snow : freeze	missile : launch	tree : exfoliate	wave : undulate	4
SATURINE : MERCURIAL ::	redundant : wordy	saturn : venus	heavenly : starry	wolf : sly	3
EXPLOSION : DEBRIS ::	flood : water	famine : food	fire : ashes	disease : germ	1
DOCUMENTS : ARCHIVE ::	artifacts : museum	actors : stage	tools : worker	instruments : musicians	1
TENACITY : WEAK ::	apathy : caring	pity : strong	immorality : wrong	frequency : known	1
BANDAGE : WOUND ::	stamp : envelope	gloves : hands	diaper : baby	cast : fracture	4
RESOLVED : DOUBT ::	confirmed : suspicion	announced : candidacy	included : guest	suggested : idea	1
PROHIBITED : REFRAIN ::	innocuous : forbid	deleterious : embark	required : decide	compulsory : comply	4
ASSUAGE :	humiliate	intensify	convert	solidify	2
COURT :	reject	uncover	infect	subject	1
In 1950, transylyvania earned $ 1 million in tourist revenue.By 1970, tourist revenue doubled and in 1980, it reached the sum of $4 million Each of the following, if true may explain the trend in tourist revenue except:	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
Each of the following could be the number of white puppies in the shelter EXCEPT	4	5	6	8	2
sushil is the son of the teacher. mohan is the teacher and he has a son and daughter therefore mohan is the father of	definitely true	probably true	cannot say	probably false	2

sushil						
Typically the entrepreneur is seen as an individual who owns and operates a small business. But, simply to won and operate a small business or even a big business does not make someone an entrepreneur. If this person is a true entrepreneur, then new products are being created, new ways of providing services are being implemented. Which of the following conclusion can be best drawn from the above passage.	An owner of a large business may be an entrepreneur.	Someone who develops an enterprise may be considered an entrepreneur.	Entrepreneurs do not own and operate small businesses.	Entrepreneurs are the main actors in economic growth.	2	
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	
Once a company has established an extensive sales network in a foreign market and therefore has achieved substantial sales, it seems that thesemarket should be treated in a very similar fashion to those in one`s own courtry. It is therefore those countries where only initial sale and representation have been developed where marketing methods will have to differ from domestic activities	Sales network can be the same in both foreign and domestic market	Extensive sales networks are preferable to less developed ones.	some countries develop economically faster than others	larger markets abroad are more adaptable to domestic marketing methods	4	
starting from a point x jayant walked 15metres towards the west he turned to his left and	32 metres south	47 metres east	42 metres north	27 metres south	1	

walked 20 metres he then turned to his left and walked 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?						
Every town with a pool hall has its share of unsavory characters. This is because the pool hall attracts gamblers and all gamblers are unsavory. Which of the following, if true cannot be inferred from the above?	All gamblers are unsavory.	All pool halls attract gamblers.	Every town has unsavory characters.	All gamblers are attracted by pool halls.	3	
In winning its bitter,protracted battle to acquire Blue industries, Inc., Bell industries has fulfilled its goal to lessen its reliance on tobacco holdings, while the $5.2 billion deal may spur more takeover activity in the insurance, analysts said.	Blue Industries is in the tobacco industry.	Belle Industries is in the insurance business	Blue Industries is in the insurance business.	More divestment takes place in the tobacco	3	
Every town with a pool hall has its share of unsavory characters. This is because the pool hall attracts gamblers and all gamblers are unsavory. which of the following, if true cannot be inferred from the above?	All gamblers are unsavory	All pool halls attracts gamblers	Every town has unsavory characters	All gamblers are attracted by pool halls	3	
Which of the following equations can be used to find a number x, if the difference between the square of this number and 21 is the same as the product of 4 times the number?	$x - 21 = 4x$	$x^2 - 21 = 4x$	$x^2 = 21 - 4x$	$x + 4x^2 = 21$	2	
How many terms of the series -9 , -6 , -3 ,.........must be taken such that the sum may be	11	13	9	10	1	

66?					
If the measures of the three angles of a triangle are (3x + 15), (5x - 15), and (2x + 30), what is the measure of each angle?	75	60	45	25	2
A boy takes a 25 question test and answers all queations. His score is obtained by giving him 4 points for each correct answer, and then subtracting 1 point for each wrong answer. He obtains a score of 70, how many questions did he answer correctly?	17	18	19	20	3
Which is a better investment? 14% stock at Rs.120 or 10% stock at Rs.90 ?	First investment is better	Second investment is better	Both are equally good	None of the above.	1
I sell 20 boxes for Rs. 132 gaining thereby the cost price of 4 boxes. What is the cost price of each?	5.0	4.8	5.5	6.6	3
If the ratio of women to men in a meeting is 4 to 1, what percent of the persons in the meeting are men?	20%	25%	33 1/3%	80%	1
.03 times .05 is	15%	1.5%	0.15%	0.015%	3
What is the length of side BC ?	3	5	$(34)^{1/2}$	7	3
If the lengths of the two sides of right triangle adjacent to the right angle are 8 and 15 respectively, then the length of the side opposite the right angle is	15.8	16	17	17.9	3

You have score 64