

Question	Option1	Option2	Option3	Option4	Answer
_____ is a non-volatile memory chip in which data once stored cannot be altered by programmer	ROM	PROM	EPROM	ROM and PROM	1
The Calculations & decision making is done in	Control Unit	ALU	RAM	Control Unit and ALU	2
Modern magnetic tapes use 8 bit _____code format for data recording	EBCDIC	BCD	ASCII	All of these options	1
Magnetic disk is a _____ storage device	Direct access	Indirect access	Random access	None of these options	1
Which of the following are of type Optical Disk:	CD-ROM	WORM	CD-ROM and WORM	Zip disk	3
Collection of Programs is	Software	Instructions	Hardware	Procedure	1
FAT stands for	File Allocation Table	File Administration Table	File Available Table	File Allotment Transfer	1
_____ is used by operating system to map file names to their corresponding file attributes and file data, and also to provide greater flexibility to users in file naming	Directories	Diary	Paging	File	1
The OSI model has _____ layers	5	6	7	8	1
_____ terminal is a graphics terminal that has a rich set of terminals	Intelligent terminal	X terminal	Dumb terminal	Smart terminal	2
The fastest computers of today`s era	microcomputers	super computer	Pentium 3	mini computer	2

is_____					
Which of these keys belong to QWERTY keyboard	Numeric Keypad	null	Alphanumeric Keys	All of these options	4
Which of the following is true in regard to Work station.	It is a powerful desktop computer designed to meet greater processing power, large storage etc.	It is not used for computer aided design	They can be used by several personnel at a time	All of these options	1
Rules that govern transmission of data over communication network is_____	Router	Topology	Prototype	Protocol	4
The periodic refreshing of _____ RAM is required	STATIC	DRAM	STATIC and DRAM	None of these options	2
A value written into a program instruction that does not change during the execution of program.	Identifiers	Constants	Objects	Operators	2
_____ contains the addresses of all the records according to the contents of the field designed as the record key.	Index	Subscript	Array	File	1
The flowcharts used to describe the sequence of operations for a particular problem is called	System flowcharts	Program flowcharts	Activity flowcharts	None of these options	2
The method of carrying out the instructions given in the flowchart with some sample data is known as	Tracking	Tracing	Executing	Tracking and Tracing	2
Language wherein Encapsulation and Abstraction of data is	Assembly Language	Object oriented programming	Pascal language	Cobol	2

done is called as:		Language			
Language Primarily used for internet-based applications	ADA	C++	JAVA	FORTTRAN	3
_____is not true related to Debugging.	Process which should be planned and scheduled properly	It is complete when all desired verification s against specifications are done	It is process of validating the correctness of program.	All of these options	4
Program errors are known as _____	Virus	Bugs	Errors	All of these options	2
Standard methods of organizing data are:	File-oriented approach	Database-oriented approach	File-oriented approach and Database-oriented approach	Object Oriented approach	3
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
which of the following is NOT a character constant	`Thank You`	`enter values of p n r`	`23.56e-03`	all of the above	4
Every C program requires :	char	statement	arithmetic operator	main () function	4
void main() { float x[2] [3]={ {1.1,1.2,1.3}, {2.1,2.2,2.3}}; printf("%1.1f", *(*(x+1))); }	1.1	2.3	2.1	2.2	3
the process of compiling and running a C program includes:	Source program	object code	executable object code	all of the above	4
A continue usually associated with _____.	goto	Else	If	None	4

(int) 21.3/ (int) 4.5	5	1	0	None	5
C language came into existence in the year	1971	1958	1972	1983	3
A max width of c variable name can be	6 Char	8 Char	31 char	32 char	3
void main() { while(1) printf("sunc"); }	The condition in while loop is illegal	Sunc will be printed once.	The while loop is an infinite loop.	A linker error is generated.	3
main() { printf(" \n Hello"); disp(); } disp() { printf(" \n Hi"); main(); }	Hi	Hello	Hello Hi Infinite no of times	Hello Hi still stack overflow	4
main() { char ch= 'A'; printf("%d%d", sizeof(ch) ,sizeof('A')); }	1 1	1 2	2 2	Error	2
which of the following statement is wrong	mes = 123.56;	con = `T` * `A`	this = `T` * 20;	3 + a = b;	4
void main() { float a=0.7; if(a< 0.7) printf("c"); else printf("c++"); }	c	c++	c c++	None	1
Unions are different than structures in that	union contents are not members	union members use the same space	union members are anonymous	All of above	2
Which of the following statement is correct regarding arrays ? Array elements are stored in contiguous memory locations The size of the array can be mentioned anywhere in the program In an array'arr' the expression arr[i] refers to the i + 1th element in the array.	i, ii and iii	i only	i and iii	none of the above	3
The output of the following program will be ::- main() { int a, *ptr,b,c; a=25; ptr = &a; b=	25, 25, 25	25, 55, 25	25, 55, 55	none of these	2

a+30; c= *ptr; printf(" %d, %d, %d", a, b, c); }					
Stack is constantly changing	element	object	memory location	set of integers	3
<p>Consider the program segment given below. (The numbers represent program line numbers) :</p> <pre> 1. #include<stdio.h> 2. int y; 3. void main() 4. { 5. int x,*px,**px; 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.} </pre> <p>The printf() at line 11 prints the value :</p>	10	100	1000	20	3
A linked list can have member node, which has	An elementary data item	A next pointer	A list	All of the above	4

<p>Consider the program segment given below. (The numbers represent program line numbers) :</p> <pre> 1.#include<stdio.h> 2. int y; 3. void main() 4. { 5. int x,*px,**ppx; 6. x = 10; 7. y = 1000; 8. px = &x; 9. ppx = &px; 10. f1(px); 11. printf("%d",*px); 12. } 13. void f1(int *p) 14. { 15. *p = 20; 16. printf("%d",*p); 17. } The printf() at line 11 prints the value: </pre>					
	10	1000	20	None of the above	3
<p>If there are no element in stack empty(s) returns as the value</p>	TRUE	1	FALSE	0	1
<p>Interpret the following statement : void(*b)(int *);</p>	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
Consider the	only i and iii are true	only ii and iii are	only i and iv are	only ii and iv are true	3

<p>following statements.</p> <p>i. stack is a LIFO</p> <p>ii. stack is a FIFO</p> <p>iii. queue is a LIFO</p> <p>iv. queue is a FIFO</p>		true	true		
If stack contain no item then it is called as ____	Null stack	Empty stack	Waste stack	Stack of no use	2
In doubly link list each node contain _____	two information node	two pointer	two nodes	double header	2
An external variable	is globally accessible by all functions	has a declaration "extern" associated with it when declared with in a function	will be initialized to 0 if not initialized.	All of the above.	4
<pre>static int x=3 , y,z; void main() { int a; a= x++ * ++y + ++z; printf("%d", a); }</pre>	3	4	5	Garbage	2
<pre>void main() { int k=4; switch(k) { default : printf("A"); case 1: printf("B"); case 4: printf("C"); case 2+3 -1 : printf("D"); }}</pre>	C	D	Compilation Err	None	3
The expression ((fpt = fopen("sample","w"))= NULL) would be true if ::-	The file "sample" doesn't exist while fopen is being executed	The file "sample" could not be created for writing	ftp is not declared as a FILE pointer	the file "sample" is read only.	4
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	int total(int numbers[], int elements) {	int total(int numbers[], int elements) {	int total(int numbers[], int elements) {	None of the above	4

of elements of the array. The correct code is					
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
void main() { int k=3; while(k) { int k=1; printf("%d", k); k--; } }	1	Infinite loop	2 1	Declarations syntax err	2
Consider the function int my(int n) { if(n!=1) return (n* my(n-1)); } Call it with my(4). What is the return value of this function?	20	24	16	2	2
Suppose a, b and c are integer variables that have been assigned the values a=8, b=3 and c =-5. Determine the value of $2 * b + 3 * (a - c)$	45	56	54	65	1
What is output void main() { int n=3,a=2; a*= n+1; printf("%d", a); }	7	8	6	None	2
Which of the following are good reasons to use an object oriented language.	You can define your own data types	An object oriented program can be taught to correct its own errors	It is easier to conceptualize an object oriented program	You can define your own data types and It is easier to conceptualize an object oriented program	4
Object-oriented technology`s _____ feature means that a small change in user	Abstraction	Modularity	Encapsulation	Modelling	3

requirements should not require large changes to be made to the system.					
An object has ____.	State	Behaviour	Identity.	All of these options.	4
What is inheritance?	It is same as encapsulation.	Aggregation of information.	Generalization and specialization.	All of these options.	3
Which of the following is not false?	In interface methods do not have any implementation.	Any class that implements an interface must provide the implementation.	Both are true.	Both are false.	1
Complex object composing of other object is called_____	Aggregation	Assosiation	Composition	None of these options	1
A relationship that can be identified between two object entities (classes or individuals) is called a _____.	function	association	link	activity	2
Which of the following programming technique focuses on the algorithm.	Procedural language	Object oriented language	Object based language	Structural language	1
Shallow copy is defined as	Memberwise copying of objects	There is nothing like shallow copy	Is same like Deep copy	None of these options	1
The use of constructor is _____.	to initialize the objects of it`s class.	to allocate memory for the objects of it`s class only	To initialize the objects of it`s class as well as to allocate memory for the objects of it`s class	None of these options.	1
IGNOMINY : DISLOYALTY ::	fame : heroism	death : victory	derelict : fool	martyr : man	1
It may be useful to think of character in fiction as a function of two _____ impulses: the impulse to individualize and the impulse to	analogous humanize	disparate aggrandize	divergent typify	comparable delineate	3

_____.					
GAZELLE : SWIFT ::	horse : slow	swan : graceful	lion : roar	lamb : bleat	3
TRAP : GAME ::	novel : author	net : fish	leash : dog	wall : house	2
Bland : Piquant ::	inane : relevant	charlatan : genuine	slavish : servile	terse : serious	2
LUBRICANT : FRICTION ::	balm : pain	eraser : correction	solvent : paint	reagent : chemical	1
GRACEFUL : MOVEMENT ::	articulate : speech	fastidious : grime	humorous : laughter	servile : rebellion	1
DISINTERESTED :	biased	violent	complete	humane	1
ACCOLADE :	rejection	separation	negligence	descent	1
TEMERITY :	foolhardiness	negligence	timidity	care	3
Each of the following could be the number of white puppies in the shelter EXCEPT	4	5	6	8	2
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 available in more stores	Canned opener production doubled	4
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	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

being created, new ways of providing services are being implemented. Which of the following conclusion can be best drawn from the above passage.					
A politician wrote the following: "I realize there are shortcomings to the questionnaire method. However, since I send a copy of the questionnaire to every home in the district, I believe the results are quite representative.... I think the numbers received are so large that it is quite accurate even though the survey is not done scientifically"	Most people who received the questionnaire have replied	Most people in the district live in homes.	the questionnaire method of data collection is unscientific	A large, absolute number of replies is synonymous with accuracy	4
Farmers in the North have observed that heavy frost is usually preceded by a full moon. They are convinced that the full moon somehow generates the frost. Which of the following, if true, would weaken the farmers convection?	The temperature must fall below 10 degrees Celsius (50 degrees Fahrenheit) for frost to occur.	Absence of a cloud cover cools the ground which causes frost.	Farmers are superstitious.	No one has proven that the moon causes frost.	2
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,	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

provide support for the claim above except:					
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 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?	A`s Uncle	A`s sister	A`s grandmohter	A`s mother	4
Which of the following pair of activies could be done on Monday and Tuesday?	L and O	M and P	L and M	N and O	3
<p>In a game, exactly six inverted cups stand side by side in a straight line, and each has exactly one ball hidden under it. The cups are numbered consecutively 1 through 6. Each of the balls is painted a single solid color. The colors of the balls are green, magenta, orange, purple, red, and yellow. The balls have been hidden under the cups in a manner that conforms to the following conditions:</p> <p>The purple ball must be hidden under a lower-numbered cup than the orange ball.</p> <p>The red ball must be hidden under a cup</p>	Green, yellow, magenta, red, purple, orange	Magenta, green, purple, red, orange, yellow	Magenta, red, purple, yellow, green, orange	Orange, yellow, red, magenta, green, purple	3

<p>immediately adjacent to the cup under which the magenta ball is hidden.</p> <p>The green ball must be hidden under cup 5.</p> <p>Which of the following could be the colors of the balls under the cups, in order from 1 through 6?</p>					
<p>If the angles of a triangle ABC are in the ratio of 3 : 5 : 7, then the triangle is</p>	acute	right	isosceles	obtuse	1
<p>$0.000006 \div 0.0000007 = ?$</p>	0.0000000042	0.000000000042	0.00000000000042	0.0000000000000042	3
<p>Rahul buys 16 cookies, Amit buys 12 cookies and Nayan buys x cookies. The average number of cookies the three bought is between 19 and 23, inclusive. What is the smallest number of cookies Nayan could have bought?</p>	35	31	30	29	4
<p>A cylindrical vessel of radius 4 cm contains water. A solid sphere of radius 3 cm is lowered into the water until it is completely immersed. The water level in the vessel will rise by</p>	$\frac{9}{2}$ cm	$\frac{9}{4}$ cm	$\frac{4}{9}$ cm	$\frac{2}{9}$ cm	2
<p>If a certain sum of money becomes double at simple interest in 12 years, what would be the rate of interest per</p>	8 (1/3)	10	12	14	1

annum?					
Rakesh credits 15% of his salary in fixed deposit account and spends 30% of the remainder amount on groceries. If the cash in hand is Rs. 2380, what is his salary?	Rs. 3500	Rs. 4500	Rs. 5000	Rs. 4000	4
If the price of steak is currently Rs.1.00 a pound and the price triples every 6 months, how long will it be until the price of steak is Rs.81.00 of a pound?	1 year	2 years	2 1/2 years	13 years	2
A,B and C play cricket.Ratio of A`s runs to C`s runs and C`s runs to B`s runs are same as 3:2. They score altogether 342 runs. The runs A,B,C respectively scored were.	162,108,72	108,72,162	72,108,162	162,72,108	4
If the operation * is defined by $*a = a^2 - 2$, then $*(5)$ is	23	527	529	623	2
An old picture has dimensions 33 inches by 24 inches. What one length must be cut from each dimension so that the ratio of the shorter side to the longer side is 2:3?	2 inches	6 inches	9 inches	10 1/2 inches	2

You have score 63