Telangana State Council Higher Education

Notations :

I.Options shown m green color and with icon are correct.

2.0ptions shown in red color and with icon are incorrect.

Computer Science and Information Technology 12th Aug 2021 Question Paper Name :

Shift 2

Subject Name :	Computer Science and Information technology
Creation Date :	2021-08-12 1 7..09..03
Duration :	120
Total Marks :	120
Display Marks:	Yes
Calculator :	None
Magnifying Glass Required? :	
Ruler Required? :	
Eraser Required? : No Scratch Pad Required? : No Rough Sketch/Notepad Required? :	
Protractor Required? :	
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console? :	Yes

Computer Science and Information Technology

Group Number :	1
Group Id :	12984024
Group Maximum Duration :	
Group Minimum Duration :	120
Show Attended Group? :	No

Edit Attended Group? : No
Break time :
Group Marks : 120
Is this Group for Examiner? : No

Mathematics

Section Id : 12984042
Section Number : 1
Section type : Online
Mandatory or Optional : Mandatory
Number of Questions : 10
Number of Questions to be attempted : 10
Section Marks : 10
Enable Mark as Answered Mark for Review and Clear Response : Yes
Sub-Section Number : 1
Sub-Section Id : 12984042
Question Shuffling Allowed : Yes
Question Number : 1 Question Id : 1298402761 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation :
Vertical
Correct Marks : 1 Wrong Marks : O

Suppose X is a non-empty set and denotes the relation "is subset of" on the set of all subsets of X, namely p(X), Then is

Options :

A panial ordefing but not a chain

2 A chain

3. Not a panial ordefing

An equivalence relation

Question Number : 2 Question Id : 1298402762 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation :
Vertical
Correct Marks : 1 Wrong Marks : 0

Minimal fonn of the statement (p—Q) $\Lambda(\sim pVQ)$ is

Options :

PVQ

2 ep)VQ

pv-Q

4. pΛ~Q

Question Number : 3 Question Id : 1298402763 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation :
Vertical Correct Marks : 1 Wrong Marks : O

If an = $—^{1}(2^{n} - 4(-1)^{n})$. then 2an-2 + an—I
= 6

Options :

3an

2 2an

an

$$\frac{1}{2^{n}}a$$

4. ✖

Question Number : 4 Question Id : 1298402764 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation :
Vertical Correct Marks : 1 Wrong Marks : O

Nullity of the matrix $\begin{bmatrix} -1 & 2 & 3 & 3 \\ 1 & & 1 & 2 \\ 0 & & 3 & 5 \end{bmatrix}$ is

Options :

1. 4 1

2 8 2

Question Number : 5 Question Id : 1298402765 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation :
Vertical
Correct Marks : 1 Wrong Marks : 0

The rank of the matrix $\begin{bmatrix} 1 & 2 & 3 & 4 \\ 2 & 3 & 4 & 5 \\ 3 & 4 & 5 & 6 \\ 4 & 5 & 6 & 7 \end{bmatrix}$ is

Options :

1

2 + 2

Question Number : 6 Question Id : 1298402766 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation :
Vertical
Correct Marks : 1 Wrong Marks :

$\lim_{0} \frac{x - \sin x}{x + \sin x} =$

Options :

1

1

$$\begin{matrix} & 2 \\ & 1 \\ 3 & + 3 \\ & 1 \end{matrix}$$

Question Number : 7 Question Id : 1298402767 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation :
Vertical Correct Marks : 1 Wrong Marks : 0

Max ex-FY I x2 + = l}=

Options :

1. ✔ $e^{\sqrt{2}}$

2. ✖ $e^{\sqrt{3}}$

2

Question Number : 8 Question Id : 1298402768 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation :
Vertical
Correct Marks : 1 Wrong Marks : O

The probability of selecting 4 boys and 3 girls alternatively one after the other is

Options :

$\frac{1}{35}$

$\frac{1}{30}$

$\frac{1}{25}$

4. ✖ $\frac{1}{20}$

Question Number : 9 Question Id : 1298402769 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation :
Vertical
Correct Marks : 1 Wrong Marks : O

The probability density function of a variate X is

P	K	2k	3k	4k	5k

Then $< 3) =$

Options :

1

3

1
4

1
5

1
6

Question Number : 10 Question Id : 1298402770 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

If X follows Poisson distlibution with $3P(X = 3) = 2P(X = 5)$, then the mean of the distribution is

Options :

1. * 30

2. 60

3. ✔ $\sqrt{30}$

4. ✖ $2\sqrt{30}$

Section Id :	12984043
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	110
Number of Questions to be attempted :	110
Section Marks :	110
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	12984043
Question Shuffling Allowed :	Yes

Question Number : 11 Question Id : 1298402771 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The systematic approach for software development, operation, maintenance and retirement of a software is known as

Options :

Systems Engineering

Software Engineering

2.

Hardware Engineering

Reverse Engineering

Question Number : 12 Question Id : 1298402772 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

WIlich type of coupling can be considered as worst type of coupling.

Options :

- Control Coupling
- Data Coupling

3. Content Coupling

- Stamp Coupling

Question Number : 13 Question Id : 1298402773 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : O

How many strings of length less than 4 contains the language described by the regular expression (x + y) * y(a + ab)*

Options :

2. * 10

3. * 12

4M 11

Question Number : 14 Question Id : 1298402774 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The interaction diagram that depicts time ordering of messages between the objects is known as

Options :

- Use case diagram
- Sequence diagram
- Collaboration diagram
- State transition diagram

Question Number : 15 Question Id : 1298402775 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The ability of the software to make use of optimal resources is known as

Options :

- Reliability
- Interoperability
- Efficiency
- Portability

Question Number : 16 Question Id : 1298402776 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The process of testing a system in live environment is Inown as

Options :

1. Validation

Velification

3. System testing

Unit testing

Question Number : 17 Question Id : 1298402777 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : O

The process of translating source code to design is known as

Options :

Reverse engineering

Re-engineering

Fonvard engineering

Hardware engineefing

Question Number : 18 Question Id : 1298402778 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The modification of software product after delivery to detect and conect latent faults in the software before they become effective faults is

Options :

1. Conective mamtenance

Adaptive maintenance

Perfective mamtenance

Preventive mamtenance

Question Number : 19 Question Id : 1298402779 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Language of finite automata is

Options :

- Type 0
- Type 1
- Type 2

4. Type 3

Question Number : 20 Question Id : 1298402780 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : O

The Web selver that executes the Selvlet creates an_____object and passes this to the serv'let's sewice method?

Options :

- HttpSe1vletResponse

- HttpRequest
- ServletRequest

HttpSe1vletRequest

Question Number : 21 Question Id : 1298402781 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The four phases of unified process are

Options :

Inception, Elaboration, Construction, Transition

- Inception, Elaboration, Testing, Transition
- Inception, Elaboration, Constmction, Documentation

Inception, Construction, Documentation, Transition.

Question Number : 22 Question Id : 1298402782 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

In one of the following relationships of UML, one thing specifies a contract and other thing implements the same.

Options :

- Dependency

Association

Generalization

Realization

Question Number : 23 Question Id : 1298402783 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

One of the following is not a stereotype of class

Options :

Meta class

✖ Boundary class

✖ Entity class

Inter class

Question Number : 24 Question Id : 1298402784 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

One of the following statement is false

Options :

✖ Data dictionary is a file that contains Meta data.

✖ Data dictiona1Y is nonnally maintained by the database administrator

- The characteristics of the data is stored in data dictiona1Y

Data elements in the database can be modified by changing data dictionary

Question Number : 25 Question Id : 1298402785 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O In
call by reference mechanism
Options :

Any changes to fonnal argument will affect the conesponding actual

1. argument.

An changes to fonnal argument will not affect the conesponding actual argument

Any changes to actual argument will not affect the corresponding fonnal argument

- Renun value is always a constant.

Question Number : 26 Question Id : 1298402786 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O
How many '#' are printed when the following code is executed
#include<stdio.h> void funl(int n)

int i = 0; if (n >
1) funl(n-l):

```
for (i = 0; i < n; i++)
Plintf("    #    "); int
main()
    funl(5);
```

Options :

- 10

4. 12

Question Number : 27 Question Id : 1298402787 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

If X = 63, Y = 30. If X and Y occupies one bye, what will be the value of XAY (where A is Exclusive — OR)

Options :

2 40

63

33

Question Number : 28 Question Id : 1298402788 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

A variable defined within the block is visible

Options :

In the entire program

✖ In ftnctions only

✔ Within the block only

Is not visible in the program

Question Number : 29 Question Id : 1298402789 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Vvmat is the output of the following code segment? #include<stdio.h> void main()

static int a[] = {0, 1, 2, 3, 4}; static int *p[] = {a, a+2, a+1, a+4, a+3}; int **ptr: ptl=p;

```
    **++ptr;
    printf("%d%d%d", **
}                              ptr, *ptr-a);
```

Options :

1. ✖ 3 3

2. * 1 2

3.+2 2

4. 8 1 0

Question Number : 30 Question Id : 1298402790 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : O

\W11at will be the output of the following program? #include<stdio.h> main()

```
char str[]={ 48, 48 , 48 }
; char *s; int i; s=str;
for(i=0; i<=2; i++)
{
        if (*s) printf("%c" *s)•
```

Options :

1. 000

- No output

3 484848

111

Question Number : 31 Question Id : 1298402791 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Stacks cannot be used to

Options :

Implement recursion

- Evaluation of expression in postfix fonn

Reverse a string

Allocate resources and scheduling

Question Number : 32 Question Id : 1298402792 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The result of the post fix expression 5,4,6,+,*,4,9,3,/,+,* is

Options :

1.9 350

2. 588

600

4. 650

Question Number : 33 Question Id : 1298402793 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The data stmcture that allows deletion at both ends of the list but the insertion at only one end is

Options :

Input restlicted dequeue

Output restricted dequeuer

Priority queue

4. Stack

Question Number : 34 Question Id : 1298402794 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Assume that the stmcture of linked list node as: stmct node

```
int   data;   stmct
node *next;
```

Whatdoes the following function do for a given Linked List with first node as head?
void fun(süuct node* head)

```
if (head NULL) retum;
fun(head->next);
printf("%d " head ->data);
```

Options :

Plints all nodes of linked list

Prints all nodes of linked list in reverse order

Plints altemate nodes of linked list

Pmts alternate nodes in reverse order

Question Number : 35 Question Id : 1298402795 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

How many DFA's exist with two states over input alphabet {0, 1)

Options :

l. * 16

26

4. 64

Question Number : 36 Question Id : 1298402796 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The keys 23, 37, 53, 20, 48, l, 31, 22 are inserted into an initially empty table of length 8 using open addressing with hash function h(x) = k mod 8 and linear probing. is the resultant hash table

Options :

o	48
1	1
2	31
3	22
4	20
5	37
6	53
7	23

	48
	22
	31
	20
	53
	23

	48
	20
	37,53
	22
	23,31

	20
	37
	22
	23

Question Number : 37 Question Id : 1298402797 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The running time of an algofithm is represented by the following recurrence relation if (n<—3) then T(n) =n else T(n) = T@3) + cn
\M1ich one of the following represents the time complexity of the algorithm?

Options :

1. ✔ $\Theta(n)$

0 (n logn)

- 0(n2)

- 0(n210gn)

Question Number : 38 Question Id : 1298402798 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Whatis the time complexity of fun()? int fun(int n)

```
int count=0; for (int i=n; i>0; i/=2) for (int j=0: j<i: j++) count+=i;
renun count;
```

Options :

- O(n2)

- O(n logn)

3. •e O(n)

- O(nlogn logn)

Question Number : 39 Question Id : 1298402799 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

To implement Diikstra's shortest path algofithm on un-weighted graphs so that it mns in linear time, the data stmcture to be used is:

Options :

Queue

2. Stack

Heap

B-Tree

Question Number : 40 Question Id : 1298402800 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Consider a situation where swap operation is very costly. IMIich of the following sorting algorithms should be preferred so that the number of swap operations is minimized in general?

Options :

Heap SOIt

2. Selection Sort Insertion

son

Merge Sort

Question Number : 41 Question Id : 1298402801 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

You have to soft 1 GB of data with only 100 MB of available main memory. Whichsofting technique will be most appropriate?

Options :

Heap SOIt

2..2 Merge soft

Quick soft

Insenion soft

Question Number : 42 Question Id : 1298402802 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

We use dynamic programming approach when

Options :

1. Optimal solution is expected.

The solution is excepted to have optimal substructure.

The given problem can be reduced to the 3-SAT problem.

We need solution to be faster than Greedy

Question Number : 43 Question Id : 1298402803 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The index of last argument in the command line argillnent is

Options :

1. argc-2

2. argc+l

3. argc argc-l

Question Number : 44 Question Id : 1298402804 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

If there are 5 vambles used in a program, then the number of test cases needed to check the conectness of boundary value analysis is

Options :

125

2. 25

32

Question Number : 45 Question Id : 1298402805 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Consider two tables: Album & Song, the mapping cardinality from Album to Song is "I-to-many'. In which table should the corresponding foreign key be placed?

Options :

Foreign key is needed only in Album table

Foreign key is needed only in Song table

Foreign key is needed in both the tables

Foreign key is not needed in any table.

Question Number : 46 Question Id : 1298402806 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Match the following

a. Foreign keys	i. Transaction
b. Set of logical operations	ii. Referential integrity
c. Event control action method	iii. Encryption
d. Data security	iv. Tligger

Options :

1. a-ii, b-i, c-iv, d-iii a-ii,

   b-iv, c-i, d-iii

3. a-ii, b-iii ,c-iv, d-i

4. a-ii , b-i, c-iii, d-iv

Question Number : 47 Question Id : 1298402807 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

It two relations R & S are joined, then the non-matching tuples of both R & S are ignored in

Options :

- Left outer join
- Right outer join
- Full outer join
- Inner join

Question Number : 48 Question Id : 1298402808 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : O

The nonnalization of 2NF relation to 3NF involves

Options :

- Removal of paltial dependencies
- Removal of full dependencies
- Removal of transitive dependencies
- Removal of multi-valued dependencies

Question Number : 49 Question Id : 1298402809 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : O

NvM1at will be hexadecimal representation for Encoding UTF-8?

Options :

1. ✖ FE FF

EF BB BF

00 00 FE FF

FF FE 00 OO

Question Number : 50 Question Id : 1298402810 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The HAVING clause in SQL

Options :

Acts exactly like WHERE clause

Acts like a 11TIERE clause but is used for columns rather than groups

3. Acts like WHERE clause but is used for groups rather than rows

Acts like a WHERE clause but is used for rows rather than columns.

Question Number : 51 Question Id : 1298402811 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

\M1ich level of RAID refers to disk minoring with block stripping

Options :

RAID Level 1

RAID Level 2

RAID Level

O

RAID Level 3

Question Number : 52 Question Id : 1298402812 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Consider a B+ tree in which the maximum number of keys in a node is 9. VM1at is the minimum number of keys in a non-root node?

Options :

| 8 3

2 +4

Question Number : 53 Question Id : 1298402813 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

In two-phase locking protocol, a transaction releases locks in which phase

Options :

1. Growing Phase ✖

Running Phase Shrinking

Phase

Commit Phase

Question Number : 54 Question Id : 1298402814 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : O

If several concu1Tent transactions are executed over the same data set and the second transaction updates the databases before the first transaction is finished, the ———————— property is violated and the database will no longer be consistent.

Options :

Atomicity

Isolation

Consistency ✖

✖ Durability

Question Number : 55 Question Id : 1298402815 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

For a weak entity set to be meaningful, it must be associated with another entity set called

Options :

Identifying set

Owner set

- Neighbour set
- String entity set

Question Number : 56 Question Id : 1298402816 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : O

\M1ich ofthe following constmcts will undo all statements up to commit?

Options :

1. Commit Flash

back

Rollback

4. Abort

Question Number : 57 Question Id : 1298402817 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A combinational circuit that convelts the bina1Y information from n inputs to 2^2 outputs is

Options :

Encoder

Half Adder ✖

Multiplexer

Decoder

Question Number : 58 Question Id : 1298402818 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The size of main memory is 64K x 16 bits. The number of address lines are

Options :

15

2 +16

3. 14

Question Number : 59 Question Id : 1298402819 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Consider the regular Language $L=\{111+11111\}^*$, the minimum number of states required for any DFA accepting this language is _____

Options :
4 49

Question Number : 60 Question Id : 1298402820 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : O

Find the 4's complement of a number 12302 where 12302 is a base 4 number.

Options :

✖ 32002

2. 32003

3 21031

21032

Question Number : 61 Question Id : 1298402821 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The basic limitation of finite automata is that

Options :

It can't remember arbitralY large amount of infonnation

2. It sometimes recognize grammar that are not regular
3. It sometimes fail to recognize regular gmmmar

There is no limitation of fmite automata

Question Number : 62 Question Id : 1298402822 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

A memow unit where the data is accessed by using the content is called

Options :

Associative mem01Y

2. ✖ RAM

ROM

Auxiliary memory

Question Number : 63 Question Id : 1298402823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

IMIich of the following is the conect syntax of the declaration which defines the XML version?

Options :

</XMLversion="1.0"/>

2. XMLversion="1.0"/?>

3 <XML version—'1.0">

<LXMLversion="1.0"?>

Question Number : 64 Question Id : 1298402824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Simplify the expression F(A,B,C,D) = (1, 3, 4, 5, 6, 7, 9, 12, 13) into sum of products using Kamaugh map

Options :

1. ✔ (A' + C') (B + D)

2. ✖ (B' + D) (A' + C')

3. ✖ (A' + C') (B' + D')

4. ✖ (A + C') (B' + D')

Question Number : 65 Question Id : 1298402825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Given $S \rightarrow SS|a.$ How many possible different defivation trees possible for the suing aaaaa ?

Options :

4. 14

Question Number : 66 Question Id : 1298402826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The addressing mode used in an instmction of the fonn MVI A, 22 is

Options :

Index

Base

Indirect

Immediate

Question Number : 67 Question Id : 1298402827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In a vectored intenupt

Options :

✖ The branch address is assigned to a fixed location in memory

The intenupting source supplies the branch infonnation to the process through the intenupt vector

✖ The branch address is obtained from a register in the process

The branch address is not needed

Question Number : 68 Question Id : 1298402828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

A compiler for high level language that runs on one machine and produce code for different machine is called.

Options :

- Optimizing compiler
- One pass compiler

3. Cross compiler

Multi pass compiler

Question Number : 69 Question Id : 1298402829 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The main mem01Y can store 32K words of 12 bits each. If the direct cache mapping is used with a cache capability of 512 words, what is the size of each location of cache

Options :

1. 18 bits
2. 36 bits
3. 9 bits
4. 27 bits

Question Number : 70 Question Id : 1298402830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The instntction pipeline can be implemented by means of

Options :

LIFO buffer

FIFO buffer

Stack

Tree

Question Number : 71 Question Id : 1298402831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

An interface that provides I/O transfer of data directly to and from the memory unit and peripherals is tenned as

Options :

1. DDA

Serial Intelface

Three-way Handshaking

4. ✔ DMA

Question Number : 72 Question Id : 1298402832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

A program counter contains the number 9ABB and address pan of insüuction contains the number 723. The effective address in the relative addressing mode when an instmction is read from mem01Y is

Options :

I 107DE

2. 10744

3 V AIDF

4 A7DF

Question Number : 73 Question Id : 1298402833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The size of main memow is $2^{12} * 30$ and the processor suppolts 16 addressing modes. NMIat will be the size of opcode

Options :

1. .4 14 bits

18 bits

2 bits

22 bits

Question Number : 74 Question Id : 1298402834 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The register which keeps track of the execution of a program and which contains the mem01Y address of next instmction to be executed is 1010wn as

Options :

1. Index register

Instmction register

Memory Address register

✔ Program counter

Question Number : 75 Question Id : 1298402835 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

"Write through" technique is used in which memory for updating the data

Options :

Viltual mem01Y

Main memory

Auxilia1Y memory

4..4 Cache memory

Question Number : 76 Question Id : 1298402836 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

One of the following indicates the task perfonned by the function result () if and only if positive parameters are passed to the function int result()

```
int  temp=l  ;  for(int  ;
j<n; j++) temp= temp *
m; retum temp;
```

Options :

It approximates the 111^{th} root of n

It approximates the n root of m

It computes m power of n

It computes n^{th} power of m

Question Number : 77 Question Id : 1298402837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Disadvantage of dynamic RAM over static RAM is

Options :

Higher power consumption

-
- Valiable speed

Need to refresh the capacitor charge every once in two millisecond

Lower packing density

Question Number : 78 Question Id : 1298402838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The following switching functions are to be implemented using a decoder

Fl = E m (l, 2, 4, S, 10, 14)

$F_2 = \sum m(2, 5, 9, 11)$

$F_3 = \sum m(2, 4, 5, 6, 7)$

The mimmum configuration of the decoder should be

Options :

2-to-4 line

2. 3-to-8 line

3..2 4-to-16 line

4. 5-to-32 line

Question Number : 79 Question Id : 1298402839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The micro operation that divides the number by 2 by leaving the sign bit unchanged is

Options :

Alithmetic shift left

✔Alithmetic shift light

3. Circular shift left

Circular shift right

Question Number : 80 Question Id : 1298402840 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The priority intenupt method that consists of serial connections of all devices requesting an intenupt where the devices are amanged from higher to lower priority is

Options :

1. aisy chaining priority

✖ Parallel priofity

3. ✖Priority encoder

✖ Priority decoder

Question Number : 81 Question Id : 1298402841 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0 Code can be optimized by

Options :

Dead code elimination

✖ Common sub programs

Copy intermediate loop

✖ Loop declaration

Question Number : 82 Question Id : 1298402842 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In which header file is the NULL macro defined

Options :

1. stdio.h

2. stddef.h

3. stdio.h & stddef.h math.h

Question Number : 83 Question Id : 1298402843 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The Memow Buffer Register (MBR) is best understood by which of the following descfiptions

Options :

Is a hardware mem01Y device which denotes the location of cun•ent instmction being executed

Is a group of electrical circuits, that perfonns the intent of instmctions fetched from mem01Y

Contains address of the memory location that is to be read from or stored into

Contains a copy of designated memory location specified by MAR after a "read" or new contents of the memory prior to "write"

Question Number : 84 Question Id : 1298402844 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : O Whichmodule gives control of CPU to the process selected by the sh01t-tenn scheduler

Options :

Dispatcher

Scheduler

Intemtpt

Converter

Question Number : 85 Question Id : 1298402845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Nv\nlich of the following denotes Chomskian Hierarchy?

Options :

REG c CFL c CSL c type O ✖ CFL c CSL c REG c type O

REG c CSL c CFL c O

4. ✖REG c CFL c type O c CSL

Question Number : 86 Question Id : 1298402846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Consider the following set of processes along with the length of CPU burst time given in milliseconds

6 msec	8 msec	7 msec	3 msec

Assuming that the processes are being scheduled using SJF scheduling algorithm then, which of the following statement is true

Options :

Waiting time of process PI is 3 msec

Waiting time of process PI is 0 msec

Waiting time of process PI is 16 msec

Waiting time of process PI is 9 msec.

Question Number : 87 Question Id : 1298402847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The undo and redo operations must be _____ to guarantee collect behavior, even if a failure occurs during recovery process

Options :

Idempotent

2. Easy

Protected

Concurrent

Question Number : 88 Question Id : 1298402848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

At a panicular time of computation. the value of counting semaphore is 7. Then 20 P operations and 15 V operations were completed on semaphore. P represents wait and V represents signal. The resulting value of semaphore is_____

Options :

1. 42

17

12

Question Number : 89 Question Id : 1298402849 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The following pairs of processes share a common vamble 'x'

Process A: int y; Al : =x*

A2 : x = y;

Process B: Bl : z=x+

l;

B2 : x = z:

x is set to 5 before either process begins execution. As usual, statements within a process are executed sequentially, but statements in process A may execute in any order with respect to statements in process B. How many different values of x are possible after both processes fimsh executing

Options :

3.94

Question Number : 90 Question Id : 1298402850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

In two pass assembler, object code generation is done dilling the

Options :

- First pass

Second pass

Third pass

- Founh pass

Question Number : 91 Question Id : 1298402851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The state of the system is tenned as 'Safe' if

Options :

The system can allocate resources to each process in some order and still avoid a deadlock

- The system doesn't crash due to deadlock occurrence

- The state keeps system protected and safe

4. The system crashes due to deadlock occun•ence

Question Number : 92 Question Id : 1298402852 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Extemal fragmentation will not occur when

Options :

First fit is used

Best fit is used

Worst fit is used

✔ No matter which algorithm is used, it will always occur

Question Number : 93 Question Id : 1298402853 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Every address generated by CPU is divided into two pans

Options :

1. Page number, frame bit

2. Page number, page offset Page offset, frame bit

✘ Program counter, frame bit.

Question Number : 94 Question Id : 1298402854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

_____is the concept in which a process is copied into main memory from secondary mem01Y according to requirement

Options :

✘ Paging

Segmentation

Demand paging

Swapping

Question Number : 95 Question Id : 1298402855 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The storage replacement strategy in which the program is placed in the largest available hole in the memory is

Options :

Best fit

First fit

3. •9 Worst fit

Quick fit

Question Number : 96 Question Id : 1298402856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : O

Which of the following strings is not generated by the following grammar?

S+SaSbSl€

Options :

1. eo aabb

2. abab aababb

Aaab

Question Number : 97 Question Id : 1298402857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Pretty Good Privacy (PGP) is used in

Options :

✖ Browser Seculity

Email security

✖ FTP Security

Authentication

Question Number : 98 Question Id : 1298402858 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The identification of common sub-expression and replacement of run-time computations by compile time computation is called as_____

Options :

Local optimization

Loop optimization

Constant folding

✖ Data flow analysis

Question Number : 99 Question Id : 1298402859 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Nv\llicll of the following technique is not used in a digital signature

Options :

✖ Public key cryptography ✖

Private key clyptography

3 Sniffing

✖ Hashing

Question Number : 100 Question Id : 1298402860 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

In an asymmetric key encryption, the sender uses thekey _____

Options :

Public Key

✖ Plivate Key

✖ Both public and private key

Plimary key

Question Number : 101 Question Id : 1298402861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

In a symmetric key encryption, the sender and receiver exchange private keys using the following algorithm

Options :

I AES

2 DES

✖ RSA

Diffie Hellman

Question Number : 102 Question Id : 1298402862 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

A firewall is

Options :

An established network perfonnance reference point

Software or Hardware used to isolate a private network from a public network

A vilus that infects macros

A predefined enclyption key used to enclypt and decrypt data transmissions

Question Number : 103 Question Id : 1298402863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

\Mmat are X and Y in the following macro definition?

```
macro
        Add x, y
        Load      x
        Mul x
        Store     y
end macro
```

Options :

Constants

Identifiels

✖ Actual parameters

✔ Formal parameters

Question Number : 104 Question Id : 1298402864 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

EIGamal Encmtion system is

Options :

Symmetric key Encmtion algorithm

Asymmetlic key Enclyption algorithm

- Not an encryption algorithm
- Not based on Key exchange algorithm

Question Number : 105 Question Id : 1298402865 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

One of the following is not a network edge device

Options :

PC

- Smalt phones

3. Selvers

4. Switch

Question Number : 106 Question Id : 1298402866 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

Illiich of the following task is not done by data link layer

Options :

- Framing

Flow Control

Error Control

4. Channel coding

Question Number : 107 Question Id : 1298402867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

WhichOne of the following is a time-sensitive selvice

Options :

File transfer

Email

File download

Intemet telephony

Question Number : 108 Question Id : 1298402868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0 Whichof the following

IP address class is called multicast

Options :

Class A

2. Class B
3. Class C

4. Class D

Question Number : 109 Question Id : 1298402869 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ATM standard defines_____layers

Options :

Question Number : 110 Question Id : 1298402870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Illiile transmitting odd-parity coded symbols, the number of zeroes in each symbol is

Options :

1. Odd

One

3. Even

4. Unknown

Question Number : 111 Question Id : 1298402871 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : O

One of the following routing technique enables packet routing without storing them in buffer. The data packets are continuously transfened until they reach their destination

Options :

- Flooding

Hot potato routing

- Static routing

- Delta routing

Question Number : 112 Question Id : 1298402872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

In a noisy environment, the best transmission medium would be

Options :

Twisted pair cable

Optical fibre

Coaxial cable

4. Elastic cable

Question Number : 113 Question Id : 1298402873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

One of the following is a stmctured programming language

Options :

Java

2. ✖ C++

3. COBOL

4 Small talk

Question Number : 114 Question Id : 1298402874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Identify the following IP address: 169.5.1.1

Options :

1. 4 Host IP address

Limited broadcast address

Direct broadcast address

Network address

Question Number : 115 Question Id : 1298402875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

A DNS response is classified as _____ if the infonnation comes from a

cache mem01Y

Options :

Authofitative

Iterative

3..4 Non-authofitative

Recursive

Question Number : 116 Question Id : 1298402876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : O

Which of the following is not a three address code

Options :

1. ✖ a=-c

2. ✖ a=d

✖ a=b+c

1000

Question Number : 117 Question Id : 1298402877 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Type checking is nonnally done during

Options :

✖ Lexical analysis

2. Static analysis

3. ...4 Syntax directed translation

✖ Code optimization

Question Number : 118 Question Id : 1298402878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O
YACC is a
Options :

LR Parser

✔Parse generator

3. Compile & go linker

✖ Code optimizer

Question Number : 119 Question Id : 1298402879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks
: 0 Shift reduce parsers are
Options :

✖ Top down Bottom

up

- Hyblid optimizers

Question Number : 120 Question Id : 1298402880 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : O

The gmph that shows basic blocks and their successor relationship is called

Options :

DAG

Flow graph

3. Control graph

- Hamiltonian graph