Dec 2022

100

Sl. No.1
QBID:187001

The negation of "Some students like hockey" is:

1. Some students dislike hockey
2. Every student dislike hockey ✓
3. Every student like hockey
4. All students like hockey

(Option 1 [39301]) 1

(Option 2 [39302]) 2

(Option 3 [39303]) 3

(Option 4 [39304]) 4

Answer Given by Candidate : 2

Sl. No.2
QBID:187002

A relation 'R' is defined on ordered pairs of integers as:
(x,y) R (u,v) if $x<u$ and $y>v$. Then R is

1. Neither a partial order nor an equivalence relation
2. A partial order but not a total order
3. A total order
4. An equivalence relation

✓ **(Option 1 [39305]) 1**

(Option 2 [39306]) 2

(Option 3 [39307]) 3

(Option 4 [39308]) 4

Answer Given by Candidate : 3

Sl. No.3
QBID:187003

Suppose you are married and you and your partner attend a party with three other married couples. Several handshakes took place. No one shook hands with himself (or herself) or with their partner, and no one shook hands with the same person more than once. After all hand shaking was completed, suppose you asked each person, including your partner, how many hands they had shaken. Each person gave a different answer. How many hands did your spouse shake?

1. 1
2. 2
3. 3
4. 4

(Option 1 [39309]) 1

(Option 2 [39310]) 2

(Option 3 [39311]) 3

(Option 4 [39312]) 4

Answer Given by Candidate : 4

Sl. No.4
QBID:187004

Consider the following conditional code, which returns a Boolean values

```
if ( (x>25) && (y>100) )
    return 'false';
else if( (x≤25) && (y≤100))
    return 'true';
else if( (x>25) && (y≤100))
    return 'false';
else
    return 'true';
```

Simplify it by filling in the following blank with a single Boolean expression without changing the behaviour of the conditional code.

```
if ( -------------- )
    return 'true';
else
    return 'false';
```

1. $x > 25$
2. $x \leq 25$
3. $y > 100$
4. $y \leq 100$

(Option 1 [39313]) 1
(Option 2 [39314]) 2
(Option 3 [39315]) 3
(Option 4 [39316]) 4
Answer Given by Candidate : 2

Sl. No.5
QBID:187005

P48 → 2018,2019

Which one of the following types of memory is fastest

1. Cache Memory
2. Register Memory
3. Main Memory
4. Secondary Memory

(Option 1 [39317]) 1
(Option 2 [39318]) 2
(Option 3 [39319]) 3
(Option 4 [39320]) 4
Answer Given by Candidate : 1

Sl. No.6
QBID:187006

The memory size for n address lines and m data lines is given by

1. $2^m \times n$
2. $m \times n^2$
3. $2^n \times m$
4. $n \times m^2$

(Option 1 [39321]) 1
(Option 2 [39322]) 2
(Option 3 [39323]) 3
(Option 4 [39324]) 4
Answer Given by Candidate : 3

Sl. No.7
QBID:187007

Simplify the following using K-Map
F(A, B,C,D) = $\sum(0,2,5,7,8,10,13,15)$

1. BD + B'D'
2. AC + A'C'
3. BC + B'C'
4. AD + A'D'

(Option 1 [39325]) 1
(Option 2 [39326]) 2
(Option 3 [39327]) 3
(Option 4 [39328]) 4
Answer Given by Candidate : 1

Sl. No.8
QBID:187008

Consider an unpipelined machine with 10nsec clock cycles which uses four cycles for ALU operations and branches where as five cycles for memory operation. Assume that the relative frequencies of these operations are: 40%, 20% and 40%, respectively. Due to clock skew and setup pipeline let us consider that the machine adds one nsec overhead to the clock. How much speedup is observed in the instruction execution rate when a pipelined machine is considered.

1. 2 times
2. 4 times
3. 6 times
4. 8 times

(Option 1 [39329]) 1
(Option 2 [39330]) 2
(Option 3 [39331]) 3
(Option 4 [39332]) 4
Answer Given by Candidate : 2

Sl. No.9
QBID:187009

Machine Level Language is a/an

1. Assembly Language
2. Low Level language
3. High level Language
4. Translating Language

(Option 1 [39333]) 1
(Option 2 [39334]) 2
(Option 3 [39335]) 3
(Option 4 [39336]) 4
Answer Given by Candidate : 2

Sl. No.10
QBID:187010

Which of the following is wrong about the data types?

1. The number is always positive when qualifier 'unsigned' is used.
2. The number can be positive or negative when the qualifier 'signed' is used
3. The range of values for signed data types is more than that of unsigned data types
4. The left most bit in unsigned data type is used to represent the value

(Option 1 [39337]) 1
(Option 2 [39338]) 2
(Option 3 [39339]) 3
(Option 4 [39340]) 4
Answer Given by Candidate : 4

Sl. No.11
QBID:187011

If a constructor 'Date' is declared explicitly and has to be defined outside the class, which of the following is correct?

1. Date::Date(int dd) {/*...*/}
2. explicit Date:: Date(int dd){/*...*/}
3. Such a constructor cannot be defined
4. Constructor always has to be defined inside the class

(Option 1 [39341]) 1

(Option 2 [39342]) 2

(Option 3 [39343]) 3

(Option 4 [39344]) 4

Answer Given by Candidate : 2

Sl. No.12
QBID:187012

Which one of the following allows the session to continue?

1. When a user quits a browser
2. When the user logs out and is invalidated by the servlet
3. When the session is timed out due to inactivity
4. When the user refreshes the browser and there is a persistent cookie

(Option 1 [39345]) 1

(Option 2 [39346]) 2

(Option 3 [39347]) 3

(Option 4 [39348]) 4

Answer Given by Candidate : 4

Sl. No.13
QBID:187013

Overfitting is expected when we observe that?

1. With training iterations error on training set as well as test set decreases
2. With training iterations error on training set decreases but test set increases
3. With training iterations error on training set as well as test set increases
4. With training iterations training set as well as test error remains constant

(Option 1 [39349]) 1

(Option 2 [39350]) 2

(Option 3 [39351]) 3

(Option 4 [39352]) 4

Answer Given by Candidate : 3

Sl. No.14
QBID:187014

Identify the incorrect statement(s).

1. A candidate key is minimal set of one or more attributes that, taken collectively, allows us to uniquely identify any entity in the entity set.
2. A candidate key for which no proper subset is also a candidate key is called a super key.
3. A super key is a set of one or more attributes that, taken collectively, allows us to uniquely identify any entity in the entity set.
4. A super key for which no proper subset is also a super key is called a candidate key.

(Option 1 [39353]) 1

(Option 2 [39354]) 2

(Option 3 [39355]) 3

(Option 4 [39356]) 4

Answer Given by Candidate : 4

Sl. No.15
QBID:187015

Consider the two relations below. The primary keys are underlined. Identify all possible foreign key(s) from the options based only on the two relations.
EMP (eid, ename, did)
DEPT (did, dname)

1. eid
2. did
3. eid, did
4. eid, did, ename

(Option 1 [39357]) 1

(Option 2 [39358]) 2

(Option 3 [39359]) 3

(Option 4 [39360]) 4

Answer Given by Candidate : 2

Sl. No.16
QBID:187016

Which of the following statement is correct, according to the following instance of the relational schema R(X, Y, Z)?

X	Y	Z
1	1	a
1	1	a
2	1	b
3	2	b

1. X→ Y, Z→X
2. Y→ Z, Z→X
3. X→ Y, X→Z
4. Y→ X, X→Z

(Option 1 [39361]) 1
(Option 2 [39362]) 2
(Option 3 [39363]) 3
(Option 4 [39364]) 4
Answer Given by Candidate : 3

Sl. No.17
QBID:187017

In Linux Operating System, when _____ is invoked, it is passed a set of flags that determine how much sharing is to take place between the parent and child tasks.

1. fork()
2. clone()
3. pthread()
4. thread()

(Option 1 [39365]) 1
(Option 2 [39366]) 2
(Option 3 [39367]) 3
(Option 4 [39368]) 4
Answer Given by Candidate : 3

Sl. No.18
QBID:187018

The main function of the microkernel is to provide a communication facility between the _____ program and the various _____ that are also running in user space.

1. Virtual, Processes
2. System, Processes
3. Client, Services
4. Virtual, Services

(Option 1 [39369]) 1
(Option 2 [39370]) 2
(Option 3 [39371]) 3
(Option 4 [39372]) 4
Answer Given by Candidate : 2

Sl. No.19
QBID:187019

Consider an operating system capable of loading and executing a single sequential user process at a time. The disk head scheduling algorithm used is first come first served (FCFS). If FCFS is replaced by shortest seek time first (SSTF) and the vendor claims 50 % better benchmark results. What is the expected improvement in the I/O performance of user programs?

1. 50%
2. 100%
3. 25%
4. 0%

(Option 1 [39373]) 1
(Option 2 [39374]) 2
(Option 3 [39375]) 3
(Option 4 [39376]) 4
Answer Given by Candidate : 3

Sl. No.20
QBID:187020

For the following set of processes scheduled using FCFS policy, determine the average waiting time. Assume that the processes arrived in the order P1, P2, P3, P4.

Process	Burst Time (ms)
P1	8
P2	15
P3	10
P4	7

1. 8
2. 16
3. 32
4. 48

QID - explanation

(Option 1 [39377]) 1

(Option 2 [39378]) 2

(Option 3 [39379]) 3

(Option 4 [39380]) 4

Answer Given by Candidate : 2

Sl. No.21
QBID:187021

Which of the following is not a Non functional requirement?

1. Portability.
2. Security.
3. Scalability
4. User interaction

(Option 1 [39381]) 1

(Option 2 [39382]) 2

(Option 3 [39383]) 3

(Option 4 [39384]) 4

Answer Given by Candidate : 3

Sl. No.22
QBID:187022

COCOMO stands for _____

1. Consumed cost model
2. Constructive cost model
3. Common control model
4. Composition cost model

(Option 1 [39385]) 1

(Option 2 [39386]) 2

(Option 3 [39387]) 3

(Option 4 [39388]) 4

Answer Given by Candidate : 2

Sl. No.23
QBID:187023

Modifying the software to match changes in the ever changing environment is called as

1. Adaptive maintenance
2. Corrective maintenance
3. Perfective maintenance
4. Preventive maintenance

(Option 1 [39389]) 1

(Option 2 [39390]) 2

(Option 3 [39391]) 3

(Option 4 [39392]) 4

Answer Given by Candidate : 1

Sl. No.24
QBID:187024

For a function of two variables, boundary value analysis yields,

1. 4n+3 test cases
2. 4n+1 test cases
3. n+4 test cases
4. 2n+4 test cases

(Option 1 [39393]) 1
(Option 2 [39394]) 2
(Option 3 [39395]) 3
(Option 4 [39396]) 4
Answer Given by Candidate : 2

Sl. No.25
QBID:187025

How many different trees are possible with 'n' nodes?

1. n -1
2. 2^n-1
3. 2^n
4. 2^n - n

DROP

(Option 1 [39397]) 1
(Option 2 [39398]) 2
(Option 3 [39399]) 3
(Option 4 [39400]) 4
Answer Given by Candidate : 2

Sl. No.26
QBID:187026

Let 'n' denote a positive integer. Suppose a function F is defined as

$$f(n) = \begin{cases} 0, & n = 1 \\ f(\lfloor \frac{n}{2} \rfloor + 1), & n > 1 \end{cases}$$

What is f(25)? and what does this function find?

1. 4, $\lfloor \log_2 n \rfloor$
2. 14, $\lfloor \log_2 n \rfloor$
3. 4, $\lfloor \dfrac{n}{2} \rfloor$
4. 14, $\lfloor \dfrac{n}{2} \rfloor$

(Option 1 [39401]) 1
(Option 2 [39402]) 2
(Option 3 [39403]) 3
(Option 4 [39404]) 4
Answer Given by Candidate : 1

Sl. No.27
QBID:187027

complexity   (1)

Given the FFT we can have _____ time procedure for multiplying two polynomials A(x) and B(x) of degree bound n where input and output representations are in coefficient form, assuming n is a power of 2.

1. O(n^2)
2. O(n.$\log_2$n)
3. O(2^n)
4. O($\log_2$n)

(Option 1 [39405]) 1
(Option 2 [39406]) 2
(Option 3 [39407]) 3
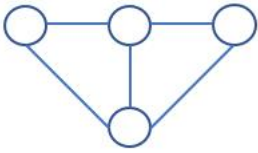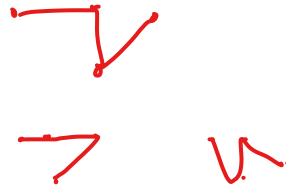(Option 4 [39408]) 4
Answer Given by Candidate : 3

Sl. No.28
QBID:187028

Consider the Graph below:

How many spanning trees can be found?

1. 10
2. 5
3. 9
4. 8

(Option 1 [39409]) 1

(Option 2 [39410]) 2

(Option 3 [39411]) 3

(Option 4 [39412]) 4

Answer Given by Candidate : 4

Sl. No.29
QBID:187029

The transition function 'δ' in multi-tape Turing machine is defined as:

1. $\delta: 2Q \times \Gamma^k \to 2^Q \times \Gamma^k \times \{L, R, S\}^k$
2. $\delta: Q \times Q \times \Gamma^k \to Q \times Q \times \Gamma^k \times \{L, R, S\}^k$
3. $\delta: Q \times \Gamma^k \to Q \times \Gamma^k \times \{L, R, S\}^k$
4. $\delta: Q \times \Gamma^k \times 2^Q \to Q \times \Gamma^k \times 2^Q \times \{L, R, S\}^k$

(Option 1 [39413]) 1

(Option 2 [39414]) 2

(Option 3 [39415]) 3

(Option 4 [39416]) 4

Answer Given by Candidate : 4

Sl. No.30
QBID:187030

In Pumping Lemma for regular languages, to say a language is satisfying pumping lemma, what is the minimum length of 'y' if you consider the string as 'xyz'.

1. n
2. 2
3. 1
4. 0

(Option 1 [39417]) 1

(Option 2 [39418]) 2

(Option 3 [39419]) 3

(Option 4 [39420]) 4

Answer Given by Candidate : 1

Sl. No.31
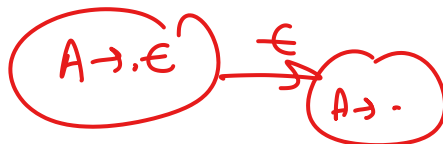QBID:187031

The item generated by the production A→ε is :

1. A→ .
2. A→ ε.
3. A→ .ε
4. A→ ε

(Option 1 [39421]) 1

(Option 2 [39422]) 2
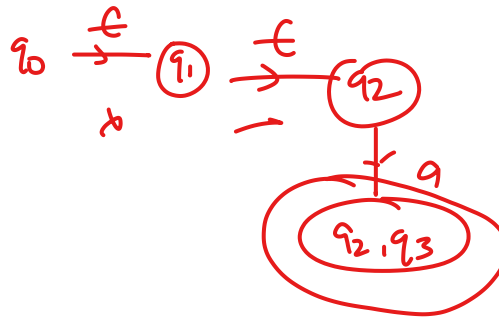
(Option 3 [39423]) 3

(Option 4 [39424]) 4

Answer Given by Candidate : 1

Sl. No.32
QBID:187032

In the ε-NFA, M = ({q_0, q_1,q_2,q_3}, {a}, δ, q_0,{q_3}) where 'δ' is given in the transition table below, what is the minimum length of string to reach to the final state?

	ε	a
q_0	{q_1}	{}
q_1	{q_2}	{}
q_2	{}	{q_2,q_3}
q_3	{}	{}

1. 0
2. 1
3. 2
4. 3

(Option 1 [39425]) 1

(Option 2 [39426]) 2

(Option 3 [39427]) 3

(Option 4 [39428]) 4

Answer Given by Candidate : 4

Sl. No.33
QBID:187033

Given Ethernet address 01011010 00010001 01010101 00011000 10101010 00001111 in binary, what is the address in hexadecimal notation ?

1. 5A:88:AA:18:55:F0
2. 5A:81:BA:81:AA:08
3. 5A:18:5A:18:55:0F
4. 5A:11:55:18:AA:0F

(Option 1 [39429]) 1

(Option 2 [39430]) 2

(Option 3 [39431]) 3

(Option 4 [39432]) 4

Answer Given by Candidate : 4

Sl. No.34
QBID:187034

A Computer on a 10 Mbps network is regulated by a token bucket. The token bucket is filled at a rate of 2 Mbps. It is initially filled to capacity with 16 megabits. What is the maximum duration for which the computer can transmit at the full 10 Mbps?

1. 1.6 seconds
2. 2 seconds
3. 5 seconds
4. 8 seconds

(Option 1 [39433]) 1

(Option 2 [39434]) 2

(Option 3 [39435]) 3

(Option 4 [39436]) 4

Answer Given by Candidate : 2

Sl. No.35
QBID:187035

In the standard Ethernet with transmission rate of 10Mbps, assume that the length of the medium is 2500m and size of a frame is 512 bytes. The propagation speed of a signal in a cable is normally 2×10^8 m/s. Calculate Transmission delay and propagation delay.

1. 25.25μs and 51.2μs
2. 51.2μs and 12.5μs
3. 10.24μs and 50.12μs
4. 12.5μs and 51.2μs

(Option 1 [39437]) 1

(Option 2 [39438]) 2

(Option 3 [39439]) 3

(Option 4 [39440]) 4

Answer Given by Candidate : 2

Sl. No.36
QBID:187036

In CRC coding if the data word is 111111, divisor is 1010 and the remainder is 110. Which of the following code is true?

1. 011111101
2. 001010110
3. 111111110
4. 110111111

(Option 1 [39441]) 1

(Option 2 [39442]) 2

(Option 3 [39443]) 3

(Option 4 [39444]) 4

Answer Given by Candidate : 3

Sl. No.37
QBID:187037

The A* algorithm is optimal when,

1. It always finds the solution with the lowest total cost if the heuristic 'h' is admissible.
2. Always finds the solution with the highest total cost if the heuristic 'h' is admissible.
3. Finds the solution with the lowest total cost if the heuristic 'h' is not admissible.
4. It always finds the solution with the highest total cost if the heuristic 'h' is not admissible.

(Option 1 [39445]) 1

(Option 2 [39446]) 2

(Option 3 [39447]) 3

(Option 4 [39448]) 4

Answer Given by Candidate : 1

Sl. No.38
QBID:187038

Which Artificial intelligence technique enables the computers to understand the associations and relationships between objects & Events?

1. Heuristic Processing.
2. Cognitive Science.
3. Relative symbolism.
4. Pattern Matching.

(Option 1 [39449]) 1

(Option 2 [39450]) 2

(Option 3 [39451]) 3

(Option 4 [39452]) 4

Answer Given by Candidate : 3

Sl. No.39
QBID:187039

Where does the values of alpha-beta search get updated?

1. Along the path of search.
2. Initial state itself.
3. At the end.
4. None of these.

(Option 1 [39453]) 1

(Option 2 [39454]) 2

(Option 3 [39455]) 3

(Option 4 [39456]) 4

Answer Given by Candidate : 1

Sl. No.40
QBID:187040

A 4-input neuron has weights 1,2,3,4. The transfer function is linear with the constant of proportionality being equal to 3. The inputs are 5,7,10,30, respectively

Then the output will be,

1. 120
2. 213
3. 410
4. 507

Sl. No.41
QBID:187041

Consider the following statements:

P: There exists no simple, undirected and connected graph with 80 vertices and 77 edges.

Q: All vertices of Euler graph are of even degree.

R: Every simple, undirected, connected and acyclic graph with 50 vertices has at least two vertices of degree one.

S: There exits a bipartite graph with more than ten vertices which is 2-colorable.

What is the number of correct statements among the above statements.

1. 1
2. 2
3. 3
4. 4

Sl. No.42
QBID:187042

Consider the following statements:

A.   There exists a Boolean algebra with '5' elements.
B.   Every element of Boolean algebra has unique complement.
C.   If a Lattice 'L' is a Boolean algebra then 'L' is not relatively complemented.
D.   The direct product of two Boolean Algebras is also a Boolean algebra

Choose the correct answer about the four statements given above.

1. Only A and D are correct
2. Only B and D are correct
3. All statements are NOT correct
4. All statements are correct

Sl. No.43
QBID:187043

Which of the statement is not true in regards to virtual memory?

1. The main objective for using virtual memory is to increase the effective capacity of the memory system
2. Size of the program can be as large as the size of the secondary memory
3. Program and data are stored in the secondary memory
4. None of these

Sl. No.44
QBID:187044

Which of the following is/are true for Dynamic RAM (DRAM)?

    A.   It is slower than static RAM(SRAM)
    B.   Packing Density is higher than Static RAM (SRAM)
    C.   It is faster than static RAM(SRAM)
    D.   It requires data refreshing

Choose the correct answer from the options given below:

1. A, B and D Only
2. A, B and C Only
3. C and D Only
4. B and D Only

(Option 1 [39473]) 1

(Option 2 [39474]) 2

(Option 3 [39475]) 3

(Option 4 [39476]) 4

Answer Given by Candidate : 1

Sl. No.45
QBID:187045

Which of the following statement is/are false?

    A.   The processor has direct access to both primary and secondary memory
    B.   Primary memory stores the active instructions and data for the program being executed on the process
    C.   Secondary memory is used as a backup memory
    D.   Memory system is implemented on a single level memory

Choose the correct answer from the options given below:

1. A and B only
2. B and C only
3. A, B and C only
4. A and D Only

(Option 1 [39477]) 1

(Option 2 [39478]) 2

(Option 3 [39479]) 3

(Option 4 [39480]) 4

Answer Given by Candidate : 4

Sl. No.46
QBID:187046

Given a vector with cartesian components (x,y), if scaling is done with matrix $\begin{bmatrix} 0.5 & 0 \\ 0 & 1.5 \end{bmatrix}$, which of the following are true.

    A. Decreases the vertical by three halves
    B. Increases the vertical by three halves
    C. Doubles the horizontal
    D. Halves the horizontal

Choose the correct answer from the options given below:

1. A and C only
2. A and D only
3. B and C only
4. B and D only

(Option 1 [39481]) 1

(Option 2 [39482]) 2

(Option 3 [39483]) 3

(Option 4 [39484]) 4

Answer Given by Candidate : 3

Which of the following lists defined in HTML share similar elements?

A. Unordered lists } opp.
B. Ordered lists
C. Definition Lists   DRoP
D. Corelated lists
E. Enumerated lists

Choose the most appropriate answer from the options given below:

1. A, B, D only
2. A, C, E only
3. A, B, C only
4. A, C, D only

(Option 1 [39485]) 1

(Option 2 [39486]) 2

(Option 3 [39487]) 3

(Option 4 [39488]) 4

Answer Given by Candidate : 2

What are the drawbacks of using file systems to store data?

A.   Data inconsistency
B.   Difficulty in accessing data
C.   Data isolation
D.   Atomicity of updates

Choose the correct answer from the options given below:

1. A, B, only
2. B, C, D only
3. A, B, C only
4. A, B, C, D

(Option 1 [39489]) 1

(Option 2 [39490]) 2

(Option 3 [39491]) 3

(Option 4 [39492]) 4

Answer Given by Candidate : 4

Which of the following database model, we have a parent-child relationship?

A.   hierarchical databases
B.   network databases
C.   relational databases

Choose the correct answer from the options below:

1. A, B
2. A, C
3. B, C
4. A, B, C

(Option 1 [39493]) 1

(Option 2 [39494]) 2

(Option 3 [39495]) 3

(Option 4 [39496]) 4

Answer Given by Candidate : 1

Identify the correct operation which produces the below given output based on two relations R1 and R2.

R1

Name	Class
a1	9
b1	5
c1	6
d1	11

R2

Name	Class
b1	5
f1	8

Output:

Name	Class
b1	5

Choose the correct answer from the options below:

1. R1 ∩ R2
2. R1 − R2
3. R1 − (R1 − R2)
4. R1 ∪ R2

(Option 1 [39497]) 1

(Option 2 [39498]) 2

(Option 3 [39499]) 3

(Option 4 [39500]) 4

Answer Given by Candidate : 1

Sl. No.51
QBID:187051

Which of the following statements are true?

   A.   Shortest remaining time first scheduling may cause starvation
   B.   Preemptive scheduling may cause starvation
   C.   Round robin is better than FCFS in terms of response time

Choose the correct answer from the options given below:

1. A only
2. B, C only
3. A, B only
4. A, B, C

(Option 1 [39501]) 1

(Option 2 [39502]) 2

(Option 3 [39503]) 3

(Option 4 [39504]) 4

Answer Given by Candidate : 4

Sl. No.52
QBID:187052

In design protocol of critical section problem, each process must ask permission to enter critical section in _____ code; it then executes in the critical section; once it finishes executes in the critical section it enters the _____ code. The process then enters the _____ code.

1. entry section, remainder section, exit section
2. entry section, exit section, remainder section
3. remainder section, entry section, exit section
4. remainder section, exit section, entry section

(Option 1 [39505]) 1

(Option 2 [39506]) 2

(Option 3 [39507]) 3

(Option 4 [39508]) 4

Answer Given by Candidate : 2

Sl. No.53
QBID:187053

How do you create agile processes to manage unpredictability?

    A.   Requirements gathering must be conducted very carefully.
    B.   Risk analysis must be conducted before planning takes place.
    C.   Software increments must be delivered in short time periods.
    D.   Software processes must not adapt to changes incrementally.

Choose the correct answer from the options given below:

    1. A only
    2. B only
    3. C only
    4. D only

(Option 1 [39509]) 1

(Option 2 [39510]) 2

(Option 3 [39511]) 3

(Option 4 [39512]) 4

Answer Given by Candidate : 2

Sl. No.54
QBID:187054

Software project manager is responsible for the following tasks:

    A.   Project Planning
    B.   Project status tracking
    C.   Resource management
    D.   Risk management
    E.   Project delivery within time & budget.

Choose the correct answer from the options given below:

    1. All the statements are correct.
    2. Only B & C are correct.
    3. Only A & D are correct
    4. All the statements are not correct.

(Option 1 [39513]) 1

(Option 2 [39514]) 2

(Option 3 [39515]) 3

(Option 4 [39516]) 4

Answer Given by Candidate : 1

Sl. No.55
QBID:187055

Mr. X designed open source software which must comply with some criteria. Choose the false statement in respect of above.

    A.   No restriction on redistribution of the software as part or whole.
    B.   The integrity of the author's source code must be maintained.
    C.   The software can be sold after distribution.

Choose the correct answer from the options given below:

    1. A only
    2. B only
    3. C only
    4. All statements are false

(Option 1 [39517]) 1

(Option 2 [39518]) 2

(Option 3 [39519]) 3

(Option 4 [39520]) 4

Answer Given by Candidate : 3

Circuit satisfiability problem: Given a Boolean combinatorial circuit composed of AND, OR and NOT gates, is it satisfiable? A one output Boolean combinatorial circuit is satisfiable means for the given inputs the output will be 1.

   A. The circuit satisfiability problem belongs to class NP
   B. The circuit satisfiability problem is at least as hard as any language in NP
   C. The circuit satisfiability is NP-Complete
   D. The size of the circuit is $\Theta(K^2+1)$
   E. If P≠NP, this situation would contradict the NP-Completeness of the problem.

Choose the correct answer from the options given below:

   1. A, C, D Only
   2. B, D, E Only
   3. A, B, C Only
   4. B, C, D Only

(Option 1 [39521]) 1
(Option 2 [39522]) 2
(Option 3 [39523]) 3
(Option 4 [39524]) 4
Answer Given by Candidate : 1

Given an expression
(A+B*D)/(E-F)+G

   A.   The prefix notation is +/+A*DB-EFG
   B.   The prefix expression is the reverse of the postfix expression
   C.   The order of operands in infix expression and postfix expression are the same.
   D.   The order of operands in infix expression, prefix expression and postfix expression are the same.

Choose the most appropriate answer from the options given below:

   1. A, C and D Only
   2. C and D Only
   3. A and B Only
   4. A and D Only

(Option 1 [39525]) 1
(Option 2 [39526]) 2
(Option 3 [39527]) 3
(Option 4 [39528]) 4
Answer Given by Candidate : 2

Which of the following is (are) correct about the regular expression?

$$aa*bb*cc*dd*$$

A.   The language for the given expression is:
$L=\{a^nb^nc^md^m \mid n\geq1, m\geq1\} \cup \{a^nb^mc^md^n \mid n\geq1, m\geq1\}$

B.   The Context Free Language for the given expression is:
$S \rightarrow AB \mid C$
$A \rightarrow aAb \mid ab$
$B \rightarrow cBd \mid cd$
$C \rightarrow aCd \mid aDd$
$D \rightarrow bDc \mid bc$

C.   The language generated by this expression is equal number of 'a's, followed by equal number of 'b's, followed by equal number of 'c's and followed by equal number of 'd's.

Choose the correct answer from the options given below:

1. Only A is correct
2. Only B is correct
3. Both A and B are correct
4. All the three A, B and C are correct

(Option 1 [39529]) 1
(Option 2 [39530]) 2
(Option 3 [39531]) 3
(Option 4 [39532]) 4
Answer Given by Candidate : 4

Sl. No.59
QBID:187059
Which of the following statements are correct?

A.   The first three-address instruction in the intermediate code is a leader.
B.   The instruction which is exactly at the middle of the given three address code is a leader.
C.   Any instruction that is the target of a conditional or unconditional jump is a leader.
D.   Any instruction that immediately follows a conditional or unconditional jump is a leader.

Choose the correct answer from the options given below:

1. A, B and C
2. B, C and D
3. A, C and D
4. A, B, C and D

(Option 1 [39533]) 1
(Option 2 [39534]) 2
(Option 3 [39535]) 3
(Option 4 [39536]) 4
Answer Given by Candidate : 4

Sl. No.60
QBID:187060

Which of the following are correct on regular expressions?

A. $\varphi + L = L + \varphi = L$
B. $\varepsilon L = L \varepsilon = L$
C. $\varphi L = L \quad \varphi = \varphi$
D. $\varphi L = L \quad \varphi = L$

Choose the correct answer from the options given below:

1. A, B and D only
2. A, B and C only
3. B and D only
4. A and D only

(Option 1 [39537]) 1

(Option 2 [39538]) 2

(Option 3 [39539]) 3

(Option 4 [39540]) 4

Answer Given by Candidate : 2

Sl. No.61
QBID:187061

Consider two hosts P and Q are connected through a router R. The maximum transfer unit (MTU) value of the link between P and R is 1500 bytes and between R and Q is 820 bytes. A TCP segment of size of 1400 bytes is transferred from P to Q through R with IP identification value of 0x1234. Assume that IP header size is 20 bytes. Further the packet is allowed to be fragmented that is Don't Fragment (DF) flag in the IP Header is not set by P. which of the following statement is/are true

A.   Two fragments are created at R and IP datagram size carrying the second fragment is 620 bytes
B.   If the second fragment is lost then R resend the fragment with IP Identification value of 0x1234
C.   If the second fragment lost then P required to resend the entire TCP segment
D.   TCP destination port can be determined by analyzing the second fragment only

Choose the correct answer from the options given below:

1. A, B and C Only
2. A and C Only
3. C and D Only
4. B and D Only

(Option 1 [39541]) 1

(Option 2 [39542]) 2

(Option 3 [39543]) 3

(Option 4 [39544]) 4

Answer Given by Candidate : 4

Sl. No.62
QBID:187062

The Solution to Silly Window Syndrome problem is/are:

A.   Nagle's Algorithm
B.   Clark's Algorithm
C.   Jacobson's Algorithm
D.   Piggy backing Algorithm

Choose the correct answer from the options given below:

1. A and B Only
2. A and C Only
3. C and D Only
4. B and D Only

(Option 1 [39545]) 1

(Option 2 [39546]) 2

(Option 3 [39547]) 3

Sl. No.63
QBID:187063

Which AI System mimics the evolutionary process to generate increasingly better solutions to a process to a problem?

A.   Self organizing neural network.

B.   Back propagation neural network.

C.   Genetic algorithm.

D.   Forward propagation neural network.

Choose the correct answer from the options given below:

1. A Only
2. B Only
3. C Only
4. D Only

(Option 1 [39549]) 1
(Option 2 [39550]) 2
(Option 3 [39551]) 3
(Option 4 [39552]) 4
Answer Given by Candidate : 3

Sl. No.64
QBID:187064

Consider the following Learning algorithms.

A.   Logistic regression.
B.   Back propagation.
C.   Linear regression.
D.   Forward propagation.

Which of the following options represents classification algorithm ?

Choose the correct answer from the options given below:

1. A & C only
2. B & D only
3. A & B only
4. C & D only

(Option 1 [39553]) 1
(Option 2 [39554]) 2
(Option 3 [39555]) 3
(Option 4 [39556]) 4
Answer Given by Candidate : 2

Sl. No.65
QBID:187065

Which Boolean operation on two variables can be represented by a single perception layer?

   A.   X1 AND X2
   B.   X1 OR X2
   C.   X1 NOR X2
   D.   X1 XOR X2

Choose the most appropriate answer from the options given below:

   1. A and B Only
   2. B and C Only
   3. A, B and C Only
   4. A, B, C and D Only

(Option 1 [39557]) 1

(Option 2 [39558]) 2

(Option 3 [39559]) 3

(Option 4 [39560]) 4

Answer Given by Candidate : 3

Sl. No.66
QBID:187066

Match List I with List II

LIST I		LIST II	
A.	Planar Graph	I.	Probabilistic Model
B.	Bipartite Graph	II.	Deterministic Model
C.	PERT	III.	4-Colorable
D.	CPM	IV.	2-Colorable

Choose the correct answer from the options given below:

   1. A-IV; B-III; C-I; D-II
   2. A-III; B-IV; C-II; D-I
   3. A-II; B-IV; C-I; D-III
   4. A-III; B-IV; C-I; D-II

(Option 1 [39561]) 1

(Option 2 [39562]) 2

(Option 3 [39563]) 3

(Option 4 [39564]) 4

Answer Given by Candidate : 4

Sl. No.67
QBID:187067

Match List I with List II

LIST I		LIST II	
A.	Direct Addressing	I.	MVI A, FFH
B.	Indirect Addressing	II.	MOV A, B
C.	Register Addressing	III.	STA FFFFH
D.	Immediate Addressing	IV.	MOV A, M

Choose the correct answer from the options given below:

   1. A-I, B-II, C-III, D-IV
   2. A-II, B-III, C-IV, D-I
   3. A-III, B-IV, C-II, D-I
   4. A-IV, B-III, C-I, D-II

(Option 1 [39565]) 1

(Option 2 [39566]) 2

(Option 3 [39567]) 3

(Option 4 [39568]) 4

Answer Given by Candidate : 1

Sl. No.68
QBID:187068

Match List I with List II

	LIST I		LIST II
A.	If the implementation of generated or derived classes differ only through a parameter we have	I.	to use class hierarchy
B.	If the actual types of objects used cannot be known at compile time, then we have	II.	improved run-time efficiency
C.	If inline operations are essential and templates are used then we have	III.	to use templates
D.	To gain access to differing instances for derived classes through base we have	IV.	to use explicit casting

Choose the correct answer from the options given below:

1. A-I, B-II, C-IV, D-III
2. A-III, B-I, C-II, D-IV
3. A-I, B-III, C-II, D-IV
4. A-II, B-I, C-III, D-IV

(Option 1 [39569]) 1

(Option 2 [39570]) 2

(Option 3 [39571]) 3

(Option 4 [39572]) 4

Answer Given by Candidate : 2

Sl. No.69
QBID:187069

Match List I and List II

Tools

	LIST I		LIST II
A.	Apache Kafka	I.	Platform for constructing data flows for extract, transform, and load (ETL) processing and analysis of large datasets.
B.	Pig	II.	General-purpose computing model and runtime system for distributed data analytics.
C.	Apache Mahout	III.	Open-source platform that was created by Linkedin.
D.	Mapreduce	IV.	Open-source platform used for creating scalable machine learning algorithms.

Choose the correct answer from the options given below:

1. A-II, B-IV, C-I, D-III
2. A-II, B-I, C-IV, D-III
3. A-III, B-I, C-IV, D-II
4. A-I, B-II, C-IV, D-III

(Option 1 [39573]) 1

(Option 2 [39574]) 2

(Option 3 [39575]) 3

(Option 4 [39576]) 4

Answer Given by Candidate : 3

Sl. No.70
QBID:187070

Match List I with List II

	LIST I		LIST II
A.	IPC	I.	Resource Allocation
B.	Demand Paging	II.	Computational speedup
C.	Banker's Algorithm	III.	Task Control Block
D.	PCB	IV.	Virtual Memory

Choose the correct answer from the options given below:

1. A-II, B-I, C-IV, D-III
2. A-II, B-IV, C-I, D-III
3. A-I, B-II, C-III, D-IV
4. A-II, B-III, C-I, D-IV

(Option 1 [39577]) 1

(Option 2 [39578]) 2

(Option 3 [39579]) 3

(Option 4 [39580]) 4

Answer Given by Candidate : 2

Sl. No.71
QBID:187071

Match List I with List II

LIST I		LIST II	
A.	Product complexity	I.	System Requirements Design.
B.	Structured System analysis	II.	Software design.
C.	Coupling & Cohesion	III.	Validation techniques.
D.	Symbolic Execution	IV.	Software cost estimation.

Choose the correct answer from the options given below:

1. A-II, B-III, C-IV, D-I
2. A-III, B-I, C-IV, D-II
3. A-IV, B-I, C-II, D-III
4. A-III, B-IV, C-I, D-II

(Option 1 [39581]) 1

(Option 2 [39582]) 2

(Option 3 [39583]) 3

(Option 4 [39584]) 4

Answer Given by Candidate : 3

Sl. No.72
QBID:187072

Match List I with List II

LIST I		LIST II
A.	Dijkstra's Algorithm	I.	Calculates path matrix
B.	Prim's Algorithm	II.	Stores minimum cost edge
C.	Warshall's Algorithm	III.	Stores the total cost from a source node to the current node
D.	Kruskal's algorithm	IV.	Finds Minimum Spanning Tree

Choose the correct answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-III, B-II, C-I, D-IV
3. A-II, B-I, C-IV, D-III
4. A-III, B-IV, C-II, D-I

(Option 1 [39585]) 1

(Option 2 [39586]) 2

(Option 3 [39587]) 3

(Option 4 [39588]) 4

Answer Given by Candidate : 2

Sl. No.73
QBID:187073

Match the following based on the language accepted by using brute force method of parsing.

LIST I		LIST II	
A.	S→aSa | aa	I.	$((2^n *3) - 4)$; $n \geq 1$
B.	S→aaSaa | aa	II.	2^n ; $n \geq 1$
C.	S→aaaSaaa | aa	III.	$((4 *2^n) - 6)$; $n \geq 1$
D.	S→aaaaSaaaa | aa	IV.	$2^n - 2$; $n \geq 2$

Choose the correct answer from the options given below:

1. A-IV, B-III , C-I, D-II
2. A-II, B- IV, C-I, D-III
3. A-I, B- IV, C-III, D-II
4. A-II, B-III, C-I, D-IV

(Option 1 [39589]) 1

(Option 2 [39590]) 2

(Option 3 [39591]) 3

(Option 4 [39592]) 4

Answer Given by Candidate : 3

Sl. No.74
QBID:187074

Match List I with List II

	LIST I		LIST II
A.	CDMA	I.	It provides mobile internet connection with faster data transfer rates
B.	GSM	II.	It allows users to connect to a network or to other devices over wireless channel
C.	UMTS	III.	Accessing mechanism for multiple transmitters over a single channel
D.	WiFi	IV.	It is cellular technology employs hybrid of FDMA and TDMA

Choose the correct answer from the options given below:

1. A-III , B-IV, C-II, D-I
2. A-III, B-IV, C-I, D-II
3. A-II, B-III, C-IV, D-I
4. A-II , B-I, C-IV, D-III

(Option 1 [39593]) 1

(Option 2 [39594]) 2

(Option 3 [39595]) 3

(Option 4 [39596]) 4

Answer Given by Candidate : 2

Sl. No.75
QBID:187075

Match List I with List II

	LIST I		LIST II
A.	Text planning	I.	Natural language understanding.
B.	Sentence planning	II.	Natural language generation.
C.	Sentence generation		
D.	Map the input to useful representations		

Choose the correct answer from the options given below:

1. A-I, B-II, C-I, D-II
2. A-II, B-II, C-I, D-II
3. A-I, B-II, C-II, D-I
4. A-II, B-II, C-II, D-I

(Option 1 [39597]) 1

(Option 2 [39598]) 2

(Option 3 [39599]) 3

(Option 4 [39600]) 4

Answer Given by Candidate : 2

Sl. No.76
QBID:187076

Consider the statements:

A.   There does not exist a polynomial time algorithm to solve integer linear programming problem.

B.   Main focus of PERT is 'minimizing time'.

Choose the correct option about the statements A and B.

1. A is True; B is True
2. A is True; B is False
3. A is False; B is True
4. A is False; B is False

(Option 1 [39601]) 1

(Option 2 [39602]) 2

(Option 3 [39603]) 3

(Option 4 [39604]) 4

Answer Given by Candidate : 3

Sl. No.77
QBID:187077

The correct sequence in fetch-execute cycle is _____

   A.   Decode
   B.   Fetch
   C.   Execute

Chose the correct answer from the following

   1. A-B-C
   2. B-C-A
   3. C-B-A
   4. B-A-C

(Option 1 [39605]) 1

(Option 2 [39606]) 2

(Option 3 [39607]) 3

(Option 4 [39608]) 4

Answer Given by Candidate : 4

Sl. No.78
QBID:187078

In what sequence the initialization, testing and execution of body is done while using do-while loop?

   A. Commenting
   B. Execution of the body
   C. Initialisation
   D. Testing the condition

Choose the correct answer from the following

   1. D,B,C
   2. D,C,B
   3. C,A,B
   4. C,B,D

(Option 1 [39609]) 1

(Option 2 [39610]) 2

(Option 3 [39611]) 3

(Option 4 [39612]) 4

Answer Given by Candidate : 4

Sl. No.79
QBID:187079

Select the correct order of DBSCAN algorithm.

   A.   Find recursively all its density connected points and assign them to the same cluster as the core point.
   B.   Find all the neighbor points with eps and identify the core points with more than MinPts neighbors.
   C.   Iterate through the remaining unvisited pointed in the dataset.
   D.   For each core point if it is not already assigned to a cluster, create a new cluster.

Choose the correct answer from the following :

   1. B, D, C, A
   2. D, B, C, A
   3. B, D, A, C
   4. D, B, A, C

(Option 1 [39613]) 1

(Option 2 [39614]) 2

(Option 3 [39615]) 3

(Option 4 [39616]) 4

Answer Given by Candidate : 1

Sl. No.80
QBID:187080

Select the correct order of events after power is initialized on a system.

[handwritten: papes! comm^t]

A. Bootstrap loader is loaded from the disk
B. Kernel is loaded onto the memory
C. Firmware ROM loads boot block

[handwritten: sequence 4,5]

Choose the correct answer from the options given below:

1. B, C, A
2. C, A, B *[handwritten check mark]*
3. A, B, C
4. A, C, B

(Option 1 [39617]) 1

(Option 2 [39618]) 2

(Option 3 [39619]) 3

(Option 4 [39620]) 4

Answer Given by Candidate : 2

Sl. No.81
QBID:187081

Given below are two statements: one is labeled as Assertion A and the other is labelled as Reason R.
Assertion A: Cohesion is a qualitative indication of the degree to which a module can be written more compactly and is able to complete its function in a timely manner.
Reason R: Cohesion is a qualitative indication of the degree to which a module is connected to other modules and the outside world.

In the light of the above statements, choose the most appropriate answer from the options given below.

1. Both A and R are correct and R is the correct explanation of A.
2. Both A and R are correct but R is NOT the correct explanation of A.
3. A is correct but R is not correct.
4. A is not correct but R is correct.

(Option 1 [39621]) 1

(Option 2 [39622]) 2 *[handwritten check mark]*

(Option 3 [39623]) 3

(Option 4 [39624]) 4

[handwritten: Revised]

Answer Given by Candidate : 3

Sl. No.82
QBID:187082

Given the graph below which one of the following edges cannot be added in that order to find a minimum spanning tree algorithm.

A. a-b
B. d-f
C. b-f
D. d-c
E. d-e
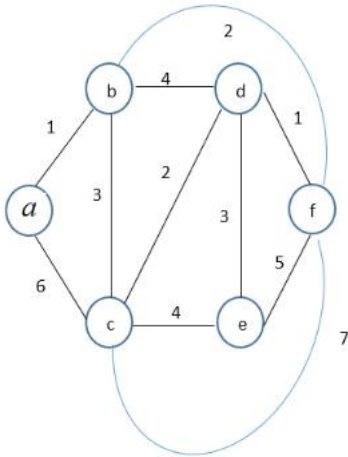
Choose the correct answer from the options given below:

1. A, B ,C, D ,E
2. A, B, D,C, E
3. B, A, C, E, D
4. B, A, D, C, E

(Option 1 [39625]) 1

(Option 2 [39626]) 2

(Option 3 [39627]) 3

(Option 4 [39628]) 4

Answer Given by Candidate : 3

Sl. No.83
QBID:187083

What is the safest order while simplifying Context Free Grammar?

1. Elimination of ε-productions, Unit productions and then Useless symbols & productions.
2. Elimination of useless symbols & productions, ε-productions and then Unit productions.
3. Elimination of Unit productions, ε-productions and then Useless symbols and productions.
4. Elimination of ε-productions, Useless symbols and productions and then Unit productions.

(Option 1 [39629]) 1

(Option 2 [39630]) 2

(Option 3 [39631]) 3

(Option 4 [39632]) 4

Answer Given by Candidate : 2

Sl. No.84
QBID:187084

Rearrange the following sequence in the context of OSI Layers:

A. Transforming the raw bits in the form of frame for transmission
B. Transmission of raw bits over communication channel
C. Handling user interfaces
D. Control and monitoring of subnet
E. Transmission data through connection oriented or connection less using datagrams

Choose the correct answer from the options given below:

1. A-B-C-D-E
2. B-C-D-E-A
3. B-A-D-E-C
4. A-B-D-E-C

(Option 1 [39633]) 1
(Option 2 [39634]) 2
(Option 3 [39635]) 3
(Option 4 [39636]) 4
Answer Given by Candidate : 3

Sl. No.85
QBID:187085
Choose the correct option describing the features of Artificial neural network

A. It is essentially machine learning algorithm.
B. It is useful when solving the problems for which the data set is very large.
C. They are able to extract features without input from the programmer.
D. These are systems modeled on the human brain and nervous system

Choose the correct answer from the options given below:

1. All the statements are correct.
2. Only B & C are correct.
3. Only A & D are correct.
4. All the statements are not correct.

(Option 1 [39637]) 1
(Option 2 [39638]) 2
(Option 3 [39639]) 3
(Option 4 [39640]) 4
Answer Given by Candidate : 3

Sl. No.86
QBID:187086
Four persons: P, Q, R and S are in police custody and one of them has committed a crime. They confess as follows:

A. Person P: Q did it.
B. Person Q: S did it.
C. Person R: I did not do it.
D. Person S: Q lied.

Reasoning

If exactly one of the statements is false, which of the following is the guilty person.

1. P
2. Q
3. R
4. S

(Option 1 [39641]) 1
(Option 2 [39642]) 2
(Option 3 [39643]) 3
(Option 4 [39644]) 4
Answer Given by Candidate : 2

SI. No.87
QBID:187087
Assertion A:
A Raster scan device is a CRT graphic device and can use a television monitor for display   *Random*
Reason R:
In Raster scan display the picture is composed of a series of dots. These dots are traced out as a series of horizontal lines. Television works in a similar fashion.

In the light of the above statements, choose the correct answer from the options given below:

1. Both A and R are true and R is the correct explanation of A
2. Both A and R are true but R is not the correct explanation of A
3. A is true but R is false
4. A is false but R is true

(Option 1 [39645]) 1

(Option 2 [39646]) 2

(Option 3 [39647]) 3

(Option 4 [39648]) 4

Answer Given by Candidate : 1

SI. No.88
QBID:187088
An OS follows round-robin scheduling with time quantum of 4ms. Assuming that the CPU is free now and there are 20 processes waiting in the ready queue, the maximum amount of time that a process waits before getting into the CPU is _____ .

1. 80ms
2. 76ms
3. 84ms
4. None of the above

(Option 1 [39649]) 1

(Option 2 [39650]) 2

(Option 3 [39651]) 3

(Option 4 [39652]) 4

Answer Given by Candidate : 3

SI. No.89
QBID:187089
Statement 1:

Given a graph G=(V,E) in which each vertex v $\in$ V has an associated positive weight w(v) , we can use linear programming to find the lower bound on the weight of the minimum-weight vertex cover.

Statement 2:
The lower bound can be found by maximizing the following

$$\sum_{v \in V}^{n} w(v) x(v)$$

subject to
$x(u) + x(v) \geq 1$ for each $(u,v) \in V$
$\quad x(v) \leq 1$ for each $v \in V$
$\quad x(v) \geq 0$ for each $v \in V$

In the light of the above statements, choose the most appropriate answer from the options given below:

1. Both statement I and Statement II are correct
2. Both statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect and Statement II is correct

(Option 1 [39653]) 1

(Option 2 [39654]) 2

(Option 3 [39655]) 3

(Option 4 [39656]) 4

Answer Given by Candidate : 3

Sl. No.90
QBID:187090

A TCP Server application is programmed to listen on port P on Host S. A TCP Client is connected to the TCP Server over the network. Considered that while TCP Connection is active the server is crashed and rebooted. Assume that the client does not use TCP keepalive timer. Which of the following behaviours is/are possible?

Statement I:
If client is waiting to receive a packet, it may wait indefinitely

Statement II:
If the client sends a packet after the server reboot, it will receive the FIN segment
In the light of the above statements, choose the correct answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

(Option 1 [39657]) 1

(Option 2 [39658]) 2

(Option 3 [39659]) 3

(Option 4 [39660]) 4

Answer Given by Candidate : 3

CN

Sl. No.91
QBID:187091

An organization is granted the block 130.56.0.0/16. The administrator wants to create 1024 subnets.

Find the number of addresses in each subnet

10^+

1. 32
2. 64
3. 128
4. 16

(Option 1 [39661]) 1

(Option 2 [39662]) 2

(Option 3 [39663]) 3

(Option 4 [39664]) 4

Answer Given by Candidate : 4

Sl. No.92
QBID:187092

An organization is granted the block 130.56.0.0/16. The administrator wants to create 1024 subnets.

Find the subnet prefix.

1. 130.56
2. 136.0
3. 136.255
4. 136.56.255

(Option 1 [39665]) 1

(Option 2 [39666]) 2

(Option 3 [39667]) 3

(Option 4 [39668]) 4

Answer Given by Candidate : 1

Sl. No.93
QBID:187093

An organization is granted the block 130.56.0.0/16. The administrator wants to create 1024 subnets.

Find first and last addresses of First subnet.

1. 130.56.0.0   130.56.254.254
2. 130.56.0.0   130.56.0.63
3. 130.0.0.0   130.255.255.255
4. 130.56.0.0   130.56.255.63

(Option 1 [39669]) 1

(Option 2 [39670]) 2

(Option 3 [39671]) 3

(Option 4 [39672]) 4

Answer Given by Candidate : 2

Sl. No.94
QBID:187094

An organization is granted the block 130.56.0.0/16. The administrator wants to create 1024 subnets.

Find first and last addresses of last subnet.

1. 130.56.0.0   130.56.254.255
2. 130.56.255.0 130.56.255.255
3. 130.56.0.192 130.255.255.255
4. 130.56.255.192 130.56.255.255

(Option 1 [39673]) 1

(Option 2 [39674]) 2

(Option 3 [39675]) 3

(Option 4 [39676]) 4

Answer Given by Candidate : 2

Sl. No.95
QBID:187095

An organization is granted the block 130.56.0.0/16. The administrator wants to create 1024 subnets.

Find subnet mask.

1. 130.255.255.255
2. 130.56.255.255
3. 130.56.0.255
4. 130.56.155.192

DROP

(Option 1 [39677]) 1

(Option 2 [39678]) 2

(Option 3 [39679]) 3

(Option 4 [39680]) 4

Answer Given by Candidate : 2

Sl. No.96
QBID:187096

A Turing Machine for the language $L=\{a^n b^m c^n d^m \mid n\geq 1, m\geq 1\}$ is designed. The resultant model is $M= (\{q_0,q_1,q_2,q_3,q_4,q_5,q_6,q_7,q_f\}, \{a,b,c,d\}, \{a,b,c,d,X_1,X_2,Y_1,Y_2\}, \delta, q_0, B, \{q_f\})$ and part of 'δ' is given in the transition table. You need to write the following questions based on design of Turing Machine for the given language. Note that, while designing the Turing Machine X_1 and X_2 are used to work with 'a's and 'c's and Y_1 and Y_2 are used to handle 'b's and 'd's of the given string.

	a	b	c	d	X_1	X_2	Y_1	Y_2	B
q_0	(q_1,X_1,R)				M2				
q_1	(q_1,a,R)	(q_1,b,R)	M1			(q_1,X_2,R)			
q_2	(q_2,a,L)	(q_2,b,L)			$(q_2,X1,R)$	(q_2,X_2,L)			
q_3	M3	(q_4,Y_1,R)				(q_6,X_2,R)			
q_4		(q_4,b,R)		(q_5,Y_2,L)		M5		(q_4,Y_2,R)	
q_5		(q_5,b,L)				(q_5,X_2,L)	M4	(q_5,Y_2,L)	
q_6						(q_6,X_2,R)		(q_7,Y_2,R)	
q_7								(q_7,Y_2,R)	(q_f,B,R)

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What is the Move in the cell with number 'M1' of the resultant Table?

1. (q_2,X_2,R)
2. (q_2,X_2,L)
3. (q_3,X_2,L)
4. Error Entry

(Option 1 [39681]) 1

(Option 2 [39682]) 2

(Option 3 [39683]) 3

(Option 4 [39684]) 4

Answer Given by Candidate : 1

Sl. No.97
QBID:187097

A Turing Machine for the language L=$\{a^n b^m c^n d^m \mid n \geq 1, m \geq 1\}$ is designed. The resultant model is M=
($\{q_0,q_1,q_2,q_3,q_4,q_5,q_6,q_7,q_f\}$, $\{a,b,c,d\}$, $\{a,b,c,d,X_1,X_2,Y_1, Y_2\}$,$\delta$, q_0, B, $\{q_f\}$) and part of 'δ' is given in the transition table. You need to write the following questions based on design of Turing Machine for the given language. Note that, while designing the Turing Machine X_1 and X_2 are used to work with 'a's and 'c's and Y_1 and Y_2 are used to handle 'b's and 'd's of the given string.

	a	b	c	d	X_1	X_2	Y_1	Y_2	B
q_0	(q_1,X_1,R)				M2				
q_1	(q_1,a,R)	(q_1,b,R)	M1			(q_1,X_2,R)			
q_2	(q_2,a,L)	(q_2,b,L)			$(q_2,X1,R)$	(q_2,X_2,L)			
q_3	M3	(q_4,Y_1,R)				(q_6,X_2,R)			
q_4		(q_4,b,R)		(q_5,Y_2,L)		M5		(q_4,Y_2,R)	
q_5		(q_5,b,L)				(q_5,X_2,L)	M4	(q_5,Y_2,L)	
q_6						(q_6,X_2,R)		(q_7,Y_2,R)	
q_7								(q_7,Y_2,R)	(q_f,B,R)

What is the Move in the cell with number 'M2' of the resultant Table?

1. (q_1,X_1,R)
2. (q_1,a,R)
3. (q_2,X_1,R)
4. Error Entry

(Option 1 [39685]) 1
(Option 2 [39686]) 2
(Option 3 [39687]) 3
(Option 4 [39688]) 4
Answer Given by Candidate : 1

Sl. No.98
QBID:187098

A Turing Machine for the language L=$\{a^n b^m c^n d^m \mid n \geq 1, m \geq 1\}$ is designed. The resultant model is M=
($\{q_0,q_1,q_2,q_3,q_4,q_5,q_6,q_7,q_f\}$, $\{a,b,c,d\}$, $\{a,b,c,d,X_1,X_2,Y_1, Y_2\}$,$\delta$, q_0, B, $\{q_f\}$) and part of 'δ' is given in the transition table. You need to write the following questions based on design of Turing Machine for the given language. Note that, while designing the Turing Machine X_1 and X_2 are used to work with 'a's and 'c's and Y_1 and Y_2 are used to handle 'b's and 'd's of the given string.

	a	b	c	d	X_1	X_2	Y_1	Y_2	B
q_0	(q_1,X_1,R)				M2				
q_1	(q_1,a,R)	(q_1,b,R)	M1			(q_1,X_2,R)			
q_2	(q_2,a,L)	(q_2,b,L)			$(q_2,X1,R)$	(q_2,X_2,L)			
q_3	M3	(q_4,Y_1,R)				(q_6,X_2,R)			
q_4		(q_4,b,R)		(q_5,Y_2,L)		M5		(q_4,Y_2,R)	
q_5		(q_5,b,L)				(q_5,X_2,L)	M4	(q_5,Y_2,L)	
q_6						(q_6,X_2,R)		(q_7,Y_2,R)	
q_7								(q_7,Y_2,R)	(q_f,B,R)

What is the Move in the cell with number 'M3' of the resultant Table?

1. (q_1,X_1,L)
2. (q_4,X_1,R)
3. (q_1,X_1,R)
4. Error Entry

(Option 1 [39689]) 1
(Option 2 [39690]) 2
(Option 3 [39691]) 3
(Option 4 [39692]) 4
Answer Given by Candidate : 2

Sl. No.99
QBID:187099

A Turing Machine for the language L={$a^n b^m c^n d^m$ | n≥1, m≥1} is designed. The resultant model is M= ({$q_0,q_1,q_2,q_3,q_4,q_5,q_6,q_7,q_f$}, {a,b,c,d}, {a,b,c,d,$X_1,X_2,Y_1, Y_2$},δ, q_0, B, {q_f}) and part of 'δ' is given in the transition table. You need to write the following questions based on design of Turing Machine for the given language. Note that, while designing the Turing Machine X_1 and X_2 are used to work with 'a's and 'c's and Y_1 and Y_2 are used to handle 'b's and 'd's of the given string.

	a	b	c	d	X_1	X_2	Y_1	Y_2	B
q_0	(q_1,X_1, R)				M2				
q_1	(q_1,a, R)	(q_1,b, R)	M1			(q_1,X_2, R)			
q_2	(q_2,a, L)	(q_2,b, L)			$(q_2,X1, R)$	(q_2,X_2, L)			
q_3	M3	(q_4,Y_1, R)				(q_6,X_2, R)			
q_4		(q_4,b, R)		(q_5,Y_2, L)		M5		(q_4,Y_2, R)	
q_5		(q_5,b, L)				(q_5,X_2, L)	M4	(q_5,Y_2, L)	
q_6						(q_6,X_2, R)		(q_7,Y_2, R)	
q_7								(q_7,Y_2, R)	(q_f,B, R)

What is the Move in the cell with number 'M4' of the resultant Table?

1. (q_5,Y_1,L)
2. (q_3,Y_1,R)
3. (q_4,Y_1,L)
4. (q_3,Y_1,L)

DROP

(Option 1 [39693]) 1
(Option 2 [39694]) 2
(Option 3 [39695]) 3
(Option 4 [39696]) 4
Answer Given by Candidate : 2

Sl. No.100
QBID:187100

A Turing Machine for the language L={$a^n b^m c^n d^m$ | n≥1, m≥1} is designed. The resultant model is M= ({$q_0,q_1,q_2,q_3,q_4,q_5,q_6,q_7,q_f$}, {a,b,c,d}, {a,b,c,d,$X_1,X_2,Y_1, Y_2$},δ, q_0, B, {q_f}) and part of 'δ' is given in the transition table. You need to write the following questions based on design of Turing Machine for the given language. Note that, while designing the Turing Machine X_1 and X_2 are used to work with 'a's and 'c's and Y_1 and Y_2 are used to handle 'b's and 'd's of the given string.

	a	b	c	d	X_1	X_2	Y_1	Y_2	B
q_0	(q_1,X_1, R)				M2				
q_1	(q_1,a, R)	(q_1,b, R)	M1			(q_1,X_2, R)			
q_2	(q_2,a, L)	(q_2,b, L)			$(q_2,X1, R)$	(q_2,X_2, L)			
q_3	M3	(q_4,Y_1, R)				(q_6,X_2, R)			
q_4		(q_4,b, R)		(q_5,Y_2, L)		M5		(q_4,Y_2, R)	
q_5		(q_5,b, L)				(q_5,X_2, L)	M4	(q_5,Y_2, L)	
q_6						(q_6,X_2, R)		(q_7,Y_2, R)	
q_7								(q_7,Y_2, R)	(q_f,B, R)

What is the Move in the cell with number 'M5' of the resultant Table?

1. (q_4,X_2,R)
2. (q_5,X_2,R)
3. (q_5,X_2,L)
4. Error Entry

DROP

100/100

(Option 1 [39697]) 1
(Option 2 [39698]) 2
(Option 3 [39699]) 3
(Option 4 [39700]) 4
Answer Given by Candidate : 2

Sl. No.101
QBID:29201001

The following table shows the monthly income and various expenditures, of six friends A-F in absolute value or in percentage (in terms of monthly income) form. Some values (marked as '-') are missing in the table which you are expected to calculate if required. Based on the data in the table, answer the question:

Income and Expenditure Details

Friend	Monthly Income		Expenditure (in ₹) on			
	Salary (in ₹)	Incentive (in ₹)	Travel	Food	Accommodation	Shopping
A	92000	-	-	10960	10%	15%
B	-	14400	15280	17000	12400	-
C	-	12600	12%	8%	-	12%
D	88000	-	-	15120	9%	16800
E	80000	-	5%	-	8400	11240
F	-	11400	8400	8%	-	13720

Note:

(a) Monthly Income = Salary + Incentive.

(b) Incentive amounts to 15% of salary.

(c) All six friends save 40% of their monthly income.

(d) There is no expenditure other than those given in the table.

निम्नलिखित तालिका में छह मित्रों A-F की मासिक आय व विविध व्ययों को पूर्ण मान अथवा प्रतिशत (मासिक आय के संदर्भ में) रूप में दर्शाया गया है । तालिका में कुछ मान ('-' के रूप में अंकित) लुप्त हैं और आप से अपेक्षित हैं कि आवश्यकता होने पर उनकी गणना करें । तालिका में प्रदत्त आंकड़ों के आधार पर, प्रश्न का उत्तर दीजिए:

आय व व्यय विवरण

मित्र	मासिक आय		निम्न पर व्यय (₹में)			
	वेतन (₹ में)	प्रोत्साहन (₹ में)	यात्रा	भोजन	आवास	खरीदारी
A	92000	-	-	10960	10%	15%
B	-	14400	15280	17000	12400	-
C	-	12600	12%	8%	-	12%
D	88000	-	-	15120	9%	16800
E	80000	-	5%	-	8400	11240
F	-	11400	8400	8%	-	13720

टिप्पणी:

A. मासिक आय = वेतन + प्रोत्साहन ।
B. प्रोत्साहन वेतन का 15% हैं ।
C. सभी छह मित्र अपनी मासिक आय के 40% की बचत करते हैं ।
D. तालिका में प्रदत्त व्यय के अतिरिक्त अन्य कोई व्यय नहीं हैं ।

What is the total amount (in ₹) spent by all the six friends together on Travelling?

1. 85634
2. 85643
3. 84634
4. 84436

(Option 1 [39701]) 1

(Option 2 [39702]) 2

(Option 3 [39703]) 3

(Option 4 [39704]) 4

सभी छह मित्रों द्वारा कुल मिलाकर यात्रा पर किए गए व्यय की कुल राशि (₹ में) कितनी है ?

1. 85634
2. 85643
3. 84634
4. 84436

(Option 1 [39701]) 1

(Option 2 [39702]) 2

(Option 3 [39703]) 3

(Option 4 [39704]) 4

Answer Given by Candidate : 3

Sl. No.102
QBID:29201002

The following table shows the monthly income and various expenditures, of six friends A-F in absolute value or in percentage (in terms of monthly income) form. Some values (marked as '-') are missing in the table which you are expected to calculate if required. Based on the data in the table, answer the question:

Income and Expenditure Details

Friend	Monthly Income		Expenditure (in ₹) on			
	Salary (in ₹)	Incentive (in ₹)	Travel	Food	Accommodation	Shopping
A	92000	-	-	10960	10%	15%
B	-	14400	15280	17000	12400	-
C	-	12600	12%	8%	-	12%
D	88000	-	-	15120	9%	16800
E	80000	-	5%	-	8400	11240
F	-	11400	8400	8%	-	13720

Note:

(a) Monthly Income = Salary + Incentive.

(b) Incentive amounts to 15% of salary.

(c) All six friends save 40% of their monthly income.

(d) There is no expenditure other than those given in the table.

निम्नलिखित तालिका में छह मित्रों A-F की मासिक आय व विविध व्ययों को पूर्ण मान अथवा प्रतिशत (मासिक आय के संदर्भ में) रूप में दर्शाया गया है । तालिका में कुछ मान ('-' के रूप में अंकित) लुप्त हैं और आप से अपेक्षित हैं कि आवश्यकता होने पर उनकी गणना करें । तालिका में प्रदत्त आंकड़ों के आधार पर, प्रश्न का उत्तर दीजिए:

आय व व्यय विवरण

मित्र	मासिक आय		निम्न पर व्यय (₹में)			
	वेतन (₹ में)	प्रोत्साहन (₹ में)	यात्रा	भोजन	आवास	खरीदारी
A	92000	-	-	10960	10%	15%
B	-	14400	15280	17000	12400	-
C	-	12600	12%	8%	-	12%
D	88000	-	-	15120	9%	16800
E	80000	-	5%	-	8400	11240
F	-	11400	8400	8%	-	13720

टिप्पणी:

A. मासिक आय = वेतन + प्रोत्साहन ।
B. प्रोत्साहन वेतन का 15% हैं ।
C. सभी छह मित्र अपनी मासिक आय के 40% की बचत करते हैं ।
D. तालिका में प्रदत्त व्यय के अतिरिक्त अन्य कोई व्यय नहीं हैं ।

What is the difference in the amount spent by B on Food and Shopping together and that of C on accommodation?

1. ₹ 11,412
2. ₹ 11,532
3. ₹ 11,512
4. ₹ 11,332

(Option 1 [39705]) 1
(Option 2 [39706]) 2
(Option 3 [39707]) 3
(Option 4 [39708]) 4

B द्वारा भोजन और खरीदारी को मिलाकर व्यय की गई राशि और C द्वारा आवास पर व्यय राशि का अंतर कितना है ?

1. ₹ 11,412
2. ₹ 11,532
3. ₹ 11,512
4. ₹ 11,332

(Option 1 [39705]) 1
(Option 2 [39706]) 2
(Option 3 [39707]) 3
(Option 4 [39708]) 4

Answer Given by Candidate : 3

SI. No.103
QBID:29201003

The following table shows the monthly income and various expenditures, of six friends A-F in absolute value or in percentage (in terms of monthly income) form. Some values (marked as '-') are missing in the table which you are expected to calculate if required. Based on the data in the table, answer the question:

Income and Expenditure Details

Friend	Monthly Income		Expenditure (in ₹) on			
	Salary (in ₹)	Incentive (in ₹)	Travel	Food	Accommodation	Shopping
A	92000	-	-	10960	10%	15%
B	-	14400	15280	17000	12400	-
C	-	12600	12%	8%	-	12%
D	88000	-	-	15120	9%	16800
E	80000	-	5%	-	8400	11240
F	-	11400	8400	8%	-	13720

Note:

(a) Monthly Income = Salary + Incentive.

(b) Incentive amounts to 15% of salary.

(c) All six friends save 40% of their monthly income.

(d) There is no expenditure other than those given in the table.

निम्नलिखित तालिका में छह मित्रों A-F की मासिक आय व विविध व्ययों को पूर्ण मान अथवा प्रतिशत (मासिक आय के संदर्भ में) रूप में दर्शाया गया है । तालिका में कुछ मान ('-' के रूप में अंकित) लुप्त हैं और आप से अपेक्षित हैं कि आवश्यकता होने पर उनकी गणना करें । तालिका में प्रदत्त आंकड़ों के आधार पर, प्रश्न का उत्तर दीजिए:

आय व व्यय विवरण

मित्र	मासिक आय		निम्न पर व्यय (₹ में)			
	वेतन (₹ में)	प्रोत्साहन (₹ में)	यात्रा	भोजन	आवास	खरीदारी
A	92000	-	-	10960	10%	15%
B	-	14400	15280	17000	12400	-
C	-	12600	12%	8%	-	12%
D	88000	-	-	15120	9%	16800
E	80000	-	5%	-	8400	11240
F	-	11400	8400	8%	-	13720

टिप्पणी:

A. मासिक आय = वेतन + प्रोत्साहन ।
B. प्रोत्साहन वेतन का 15% हैं ।
C. सभी छह मित्र अपनी मासिक आय के 40% की बचत करते हैं ।
D. तालिका में प्रदत्त व्यय के अतिरिक्त अन्य कोई व्यय नहीं हैं ।

What is the amount saved (in ₹) by all the six friends together?

1. 223760
2. 237360
3. 237630
4. 273360

(Option 1 [39709]) 1
(Option 2 [39710]) 2
(Option 3 [39711]) 3
(Option 4 [39712]) 4

सभी छह मित्रों द्वारा कुल मिलाकर कितनी धनराशि (₹ में)की बचत की गई ?

1. 223760
2. 237360
3. 237630
4. 273360

(Option 1 [39709]) 1
(Option 2 [39710]) 2
(Option 3 [39711]) 3
(Option 4 [39712]) 4

Answer Given by Candidate : 3

Sl. No.104
QBID:29201004

The following table shows the monthly income and various expenditures, of six friends A-F in absolute value or in percentage (in terms of monthly income) form. Some values (marked as '-') are missing in the table which you are expected to calculate if required. Based on the data in the table, answer the question:
Income and Expenditure Details

Friend	Monthly Income		Expenditure (in ₹) on			
	Salary (in ₹)	Incentive (in ₹)	Travel	Food	Accommodation	Shopping
A	92000	-	-	10960	10%	15%
B	-	14400	15280	17000	12400	-
C	-	12600	12%	8%	-	12%
D	88000	-	-	15120	9%	16800
E	80000	-	5%	-	8400	11240
F	-	11400	8400	8%	-	13720

Note:

(a) Monthly Income = Salary + Incentive.

(b) Incentive amounts to 15% of salary.

(c) All six friends save 40% of their monthly income.

(d) There is no expenditure other than those given in the table.

निम्नलिखित तालिका में छह मित्रों A-F की मासिक आय व विविध व्ययों को पूर्ण मान अथवा प्रतिशत (मासिक आय के संदर्भ में) रूप में दर्शाया गया है । तालिका में कुछ मान ('-' के रूप में अंकित) लुप्त हैं और आप से अपेक्षित हैं कि आवश्यकता होने पर उनकी गणना करें । तालिका में प्रदत्त आंकड़ों के आधार पर, प्रश्न का उत्तर दीजिए:

आय व व्यय विवरण

मित्र	मासिक आय		निम्न पर व्यय (₹ में)			
	वेतन (₹ में)	प्रोत्साहन (₹ में)	यात्रा	भोजन	आवास	खरीदारी
A	92000	-	-	10960	10%	15%
B	-	14400	15280	17000	12400	-
C	-	12600	12%	8%	-	12%
D	88000	-	-	15120	9%	16800
E	80000	-	5%	-	8400	11240
F	-	11400	8400	8%	-	13720

टिप्पणी:

A. मासिक आय = वेतन + प्रोत्साहन ।
B. प्रोत्साहन वेतन का 15% हैं ।
C. सभी छह मित्र अपनी मासिक आय के 40% की बचत करते हैं ।
D. तालिका में प्रदत्त व्यय के अतिरिक्त अन्य कोई व्यय नहीं हैं ।

The annual income of D is ₹ _____ less than that of A.

1. 4600
2. 52200
3. 55200
4. 4900

(Option 1 [39713]) 1
(Option 2 [39714]) 2
(Option 3 [39715]) 3
(Option 4 [39716]) 4

D की वार्षिक आय A की वार्षिक आय से कितनी (₹ में) कम है ?

1. 4600
2. 52200
3. 55200
4. 4900

(Option 1 [39713]) 1
(Option 2 [39714]) 2
(Option 3 [39715]) 3
(Option 4 [39716]) 4

Answer Given by Candidate : 3

Sl. No.105
QBID:29201005

The following table shows the monthly income and various expenditures, of six friends A-F in absolute value or in percentage (in terms of monthly income) form. Some values (marked as '-') are missing in the table which you are expected to calculate if required. Based on the data in the table, answer the question:

Income and Expenditure Details

Friend	Monthly Income		Expenditure (in ₹) on			
	Salary (in ₹)	Incentive (in ₹)	Travel	Food	Accommodation	Shopping
A	92000	-	-	10960	10%	15%
B	-	14400	15280	17000	12400	-
C	-	12600	12%	8%	-	12%
D	88000	-	-	15120	9%	16800
E	80000	-	5%	-	8400	11240
F	-	11400	8400	8%	-	13720

Note:

(a) Monthly Income = Salary + Incentive.

(b) Incentive amounts to 15% of salary.

(c) All six friends save 40% of their monthly income.

(d) There is no expenditure other than those given in the table.

निम्नलिखित तालिका में छह मित्रों A-F की मासिक आय व विविध व्ययों को पूर्ण मान अथवा प्रतिशत (मासिक आय के संदर्भ में) रूप में दर्शाया गया है । तालिका में कुछ मान ('-' के रूप में अंकित) लुप्त हैं और आप से अपेक्षित हैं कि आवश्यकता होने पर उनकी गणना करें । तालिका में प्रदत्त आंकड़ों के आधार पर, प्रश्न का उत्तर दीजिए:

आय व व्यय विवरण

मित्र	मासिक आय		निम्न पर व्यय (₹ में)			
	वेतन (₹ में)	प्रोत्साहन (₹ में)	यात्रा	भोजन	आवास	खरीदारी
A	92000	-	-	10960	10%	15%
B	-	14400	15280	17000	12400	-
C	-	12600	12%	8%	-	12%
D	88000	-	-	15120	9%	16800
E	80000	-	5%	-	8400	11240
F	-	11400	8400	8%	-	13720

टिप्पणी:

A. मासिक आय = वेतन + प्रोत्साहन ।
B. प्रोत्साहन वेतन का 15% हैं ।
C. सभी छह मित्र अपनी मासिक आय के 40% की बचत करते हैं ।
D. तालिका में प्रदत्त व्यय के अतिरिक्त अन्य कोई व्यय नहीं हैं ।

Expenditure by A on Travelling constitutes approximately _____ % of the salary of F.

1. 30
2. 38
3. 32
4. 34

(Option 1 [39717]) 1
(Option 2 [39718]) 2
(Option 3 [39719]) 3
(Option 4 [39720]) 4

A द्वारा किया गया यात्रा व्यय F के वेतन का लगभग कितने प्रतिशत है ?

1. 30
2. 38
3. 32
4. 34

(Option 1 [39717]) 1
(Option 2 [39718]) 2
(Option 3 [39719]) 3
(Option 4 [39720]) 4

Answer Given by Candidate : 3

Sl. No.106
QBID:29201006

Which tool is used to create online bulletin board where you can display information in the form of pictures, texts, videos etc.?

   1. Quizzizz
   2. Padlet
   3. Screen Castify
   4. Windows

(Option 1 [39721]) 1

(Option 2 [39722]) 2

(Option 3 [39723]) 3

(Option 4 [39724]) 4

निम्नलिखित में से किस उपकरण का प्रयोग आनलाइन बुलेटिन बोर्ड बनाने के लिए किया जाता है, जहाँ आप चित्र, पाठ (टेक्स्ट), वीडियो आदि के रूप में सूचना प्रदर्शित कर सकते हैं ?

   1. क्विज़िज़
   2. पैडलेट
   3. स्क्रीन कास्टीफाई
   4. विंडोज

(Option 1 [39721]) 1

(Option 2 [39722]) 2

(Option 3 [39723]) 3

(Option 4 [39724]) 4

Answer Given by Candidate : 2

Sl. No.107
QBID:29201007

Which of the following are the advantages of lecture-cum-demonstration method?

   A. Clear and Permanent Knowledge
   B. Helping the task of the teacher
   C. Helpful in mental development
   D. Economical method

Choose the most appropriate answer from the options given below:

   1. B and D only
   2. A, C and D only
   3. A, B, C and D
   4. B and C only

(Option 1 [39725]) 1

(Option 2 [39726]) 2

(Option 3 [39727]) 3

(Option 4 [39728]) 4

व्याख्यान - सह - निदर्शन विधि के लाभ निम्नलिखित में से कौन से हैं ?

   A. स्पष्ट एवं स्थायी ज्ञान
   B. शिक्षक के कार्य में सहायता करना
   C. मानसिक विकास में सहायक
   D. मितव्ययी विधि

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

   1. केवल B और D
   2. केवल A, C और D
   3. A, B, C और D
   4. केवल B और C

(Option 1 [39725]) 1

(Option 2 [39726]) 2

(Option 3 [39727]) 3

(Option 4 [39728]) 4

Answer Given by Candidate : 3

Sl. No.108
QBID:29201008

Which of the following are examples of Asychronous communication?

    A. Blog
    B. Podcast
    C. Electronic Mail
    D. Discussion Forum
    E. Phone calls

Choose the most appropriate answer from the options given below:

    1. B and E only
    2. C, D and E only
    3. A, C and D only
    4. A, B, C and D only

(Option 1 [39729]) 1

(Option 2 [39730]) 2

(Option 3 [39731]) 3

(Option 4 [39732]) 4

अतुल्यकालिक संप्रेषण के उदाहरण निम्नलिखित में से कौन से हैं ?

    A. ब्लॉग
    B. पोडकास्ट
    C. इलेक्ट्रॉनिक मेल
    D. परिचर्चा (डिस्कशन) फोरम
    E. फोन कॉल

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

    1. केवल B और E
    2. केवल C, D और E
    3. केवल A, C और D
    4. केवल A, B, C और D

(Option 1 [39729]) 1

(Option 2 [39730]) 2

(Option 3 [39731]) 3

(Option 4 [39732]) 4

Answer Given by Candidate : 3

Sl. No.109
QBID:29201009

Which of the following are the causes of plateau associated with learning curve?

    A. Lack of balance among various phases of a complex skill
    B. Shifting of attention from one phase of performance to another
    C. Fatigue and boredom
    D. Positive interest and incentive.

Choose the most appropriate answer from the options given below:

    1. A, B and C only
    2. A and D only
    3. B, C and D
    4. A, B, C and D only

(Option 1 [39733]) 1

(Option 2 [39734]) 2

(Option 3 [39735]) 3

(Option 4 [39736]) 4

अधिगम वक्र से संबद्ध स्थिर स्थिति (प्लेटो) के कारण निम्नलिखित में से कौन से हैं ?

    A. जटिल कौशल की विभिन्न अवस्थाओं के मध्य संतुलन का अभाव
    B. निष्पादन की एक अवस्था से दूसरी अवस्था में ध्यान का परिवर्तन
    C. थकान और ऊब
    D. सकारात्मक अभिरुचि एवं प्रोत्साहन

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

    1. केवल A, B और C
    2. केवल A और D
    3. केवल B, C और D
    4. A, B, C और D

Answer Given by Candidate : 1

Sl. No.110
QBID:29201010
Which of the following is the best method of teaching?

1. To impart knowledge to students
2. To ask students to self-learn from books.
3. To start a discussion and encourage students to participate in it.
4. To ask students to go to the library.

(Option 1 [39737]) 1
(Option 2 [39738]) 2
(Option 3 [39739]) 3
(Option 4 [39740]) 4

शिक्षण की सर्वोत्तम विधि निम्नलिखित में से कौन सी है ?

1. विद्यार्थियों को ज्ञान प्रदान करना
2. विद्यार्थियों से पुस्तकों द्वारा स्वयं - सीखने के लिए कहना
3. चर्चा-परिचर्चा को आरंभ करना और इसमें भागीदारी के लिए विद्यार्थियों को प्रोत्साहित करना
4. विद्यार्थियों को पुस्तकालय जाने के लिए कहना

(Option 1 [39737]) 1
(Option 2 [39738]) 2
(Option 3 [39739]) 3
(Option 4 [39740]) 4
Answer Given by Candidate : 3

Sl. No.111
QBID:29201011
A prediction of relationships involving theoretical constructs is known as:

1. Operational hypothesis
2. General hypothesis
3. Non-directional hypothesis
4. Conceptual hypothesis

(Option 1 [39741]) 1
(Option 2 [39742]) 2
(Option 3 [39743]) 3
(Option 4 [39744]) 4

सैद्धांतिक परिकल्पनाओं (कन्स्ट्रक्ट) को सम्मिलित करने वाले संबंधों के एक पूर्वानुमान को किस रूप में जाना जाना जाता हैं ?

1. प्रचालनीय प्राक्कल्पना
2. सामान्य प्राक्कल्पना
3. गैर-दिशात्मक प्राक्कल्पना
4. अवधारणात्मक प्राक्कल्पना

(Option 1 [39741]) 1
(Option 2 [39742]) 2
(Option 3 [39743]) 3
(Option 4 [39744]) 4
Answer Given by Candidate : 4

Sl. No.112
QBID:29201012
The post-test only control group design avoids:

1. Non Cooperative participants
2. Sensitization of participants
3. Group Comparison
4. Experimental treatment

(Option 1 [39745]) 1
(Option 2 [39746]) 2
(Option 3 [39747]) 3
(Option 4 [39748]) 4

पश्च - परीक्षण (पोस्ट - टेस्ट) केवल नियंत्रण समूह अभिकल्प निम्नलिखित में से किससे बचता है ?

1. गैर - सहयोगात्मक प्रतिभागी
2. प्रतिभागियों का संवेदीकरण
3. समूह तुलना
4. प्रयोगात्मक निरूपण (ट्रीटमेंट)

(Option 1 [39745]) 1
(Option 2 [39746]) 2
(Option 3 [39747]) 3
(Option 4 [39748]) 4
Answer Given by Candidate : 3

Sl. No.113
QBID:29201013

Questions constructed in such a manner that suggest an expected answer are identified as:

1. Main questions
2. Meta questions
3. Lead questions
4. Suggestive questions

(Option 1 [39749]) 1
(Option 2 [39750]) 2
(Option 3 [39751]) 3
(Option 4 [39752]) 4

एक इस तरीके से संरचित प्रश्नों की किस रूप में पहचान की जाती है, जो एक प्रत्याशित उत्तर का संकेत करते हैं ?

1. मुख्य प्रश्न
2. अधि प्रश्न
3. प्रश्नात्मक आमुख
4. सांकेतिक प्रश्न

(Option 1 [39749]) 1
(Option 2 [39750]) 2
(Option 3 [39751]) 3
(Option 4 [39752]) 4
Answer Given by Candidate : 4

Sl. No.114
QBID:29201014

Which of the following are ethical principles in research ?

A. Respect for participants
B. Informed consent
C. Justice for participants
D. Voluntary deception
E. Coercive consent

Choose the correct answer from the options given below:

1. A, B, C only
2. B, C, D only
3. C, D, E only
4. A, D, E only

(Option 1 [39753]) 1
(Option 2 [39754]) 2
(Option 3 [39755]) 3
(Option 4 [39756]) 4

शोध में निम्नलिखित में से कौन से नैतिक सिद्धांत हैं ?

A. प्रतिभागियों के लिए आदर
B. संसूचित सहमति
C. प्रतिभागियों के लिए न्याय
D. स्वैच्छिक छल
E. अवपीड़क सहमति

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

1. केवल A, B, C
2. केवल B, C, D
3. केवल C, D, E
4. केवल A, D, E

(Option 1 [39753]) 1
(Option 2 [39754]) 2
(Option 3 [39755]) 3
(Option 4 [39756]) 4
Answer Given by Candidate : 1
Sl. No.115
QBID:29201015
Given below are two statements :
Statement I : In case are research study leads to generation of more research , then we will say it contain heuristic value.
Statement II : The discussion section does not allow freedom and flexibility in writing to the researcher.
In the light of the above statement, choose the correct answer from the option given below:

1. Both Statement I and Statement II are correct.
2. Both Statement I and Statement II are incorrect.
3. Statement I is correct but Statement II is incorrect.
4. Statement I is incorrect but Statement II is correct.

(Option 1 [39757]) 1
(Option 2 [39758]) 2
(Option 3 [39759]) 3
(Option 4 [39760]) 4

नीचे दो कथन दिए गए हैं :

कथन : I यदि कोई शोध अध्ययन अधिक शोध उत्पन्न करने का मार्ग प्रशस्त करता है तो हम कहेंगे कि इसमें स्वतःशोध मूल्य समाविष्ट हैं ।

कथन : II चर्चा खंड शोधकर्ता को लेखन और लचीलेपन की अनुमति नहीं देता है ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

1. कथन I और II दोनों सत्य हैं ।
2. कथन I और II दोनों असत्य हैं ।
3. कथन I सत्य है, लेकिन कथन II असत्य है ।
4. कथन I असत्य है, लेकिन कथन II सत्य है ।

(Option 1 [39757]) 1
(Option 2 [39758]) 2
(Option 3 [39759]) 3
(Option 4 [39760]) 4
Answer Given by Candidate : 3
Sl. No.116
QBID:29201016
An individual's culture is affected due to

1. Public order
2. Public space
3. Private interests
4. Effective interaction

(Option 1 [39761]) 1
(Option 2 [39762]) 2
(Option 3 [39763]) 3
(Option 4 [39764]) 4

निम्नलिखित में से किस कारण से एक व्यक्ति की संस्कृति प्रभावित होती है ?

1. सार्वजनिक व्यवस्था
2. सार्वजनिक स्थान
3. व्यक्तिगत हित
4. प्रभावी अंतर्क्रिया

(Option 1 [39761]) 1
(Option 2 [39762]) 2
(Option 3 [39763]) 3
(Option 4 [39764]) 4
Answer Given by Candidate : 2
Sl. No.117
QBID:29201017
According to the behavioural model, the communication approach is considered as:

1. Contrived
2. Natural
3. Reward-punishment based
4. Innate

(Option 1 [39765]) 1
(Option 2 [39766]) 2
(Option 3 [39767]) 3
(Option 4 [39768]) 4

व्यवहारगत मॉडल (प्रतिरूप) के अनुसार सम्प्रेषण उपागम को किस रूप में माना जाता है ?

    1. आविष्कृत (कन्ट्राइव्ड)
    2. नैसर्गिक (नेचुरल)
    3. पारितोषिक - दण्ड आधारित
    4. सहज (इनेट)

(Option 1 [39765]) 1
(Option 2 [39766]) 2
(Option 3 [39767]) 3
(Option 4 [39768]) 4
Answer Given by Candidate : 2

Sl. No.118
QBID:29201018
Which of the following are the characteristics of moderate approach to inter-cultural communication ?

    A. Inter-cultural communication is unidisciplinary.
    B. A communicator is a change agent.
    C. A continuum is the representative of social change.
    D. Change is a response to both inside and outside stimuli.
    E. Culture and communication have limited linkages.

Choose the correct answer from the options given below :

    1. A, B, C only
    2. B, C, D only
    3. C, D , E only
    4. A, B, E only

(Option 1 [39769]) 1
(Option 2 [39770]) 2
(Option 3 [39771]) 3
(Option 4 [39772]) 4

अंतर-सांस्कृतिक सम्प्रेषण के प्रति संयत उपागम की निम्नलिखित में से कौन सी विशेषताएँ हैं ?

    A. अंतर-सांस्कृतिक सम्प्रेषण एक विषयी है ।
    B. एक सम्प्रेषक एक परिवर्तन-अभिकर्ता होता है ।
    C. एक सातत्यक (कन्टिन्यूम) सामाजिक परिवर्तन का प्रतिनिधिक है ।
    D. परिवर्तन उद्दीपक के अन्दर और बाहर दोनों के प्रति एक अनुक्रिया है ।
    E. संस्कृति और सम्प्रेषण की सीमित सहलग्नताएं (लिंकेजेज) होती हैं ।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

    1. केवल A, B, C
    2. केवल B, C, D
    3. केवल C, D, E
    4. केवल A, B, E

(Option 1 [39769]) 1
(Option 2 [39770]) 2
(Option 3 [39771]) 3
(Option 4 [39772]) 4
Answer Given by Candidate : 2

Sl. No.119
QBID:29201019
Given below are two statements:

Statement I: In mass communication, the news content includes social values also.

Statement II : News also contains ideology that changes according to times.

In the light of the above statements, choose the most appropriate answer from the options given below:

    1. Both Statement I and Statement II are correct.
    2. Both Statement I and Statement II are incorrect.
    3. Statement I is correct but Statement II is incorrect.
    4. Statement I is incorrect but Statement II is correct.

(Option 1 [39773]) 1

नीचे दो कथन दिए गए हैं :

कथन I : जन संचार में समाचार की विषयवस्तु में सामाजिक मूल्य भी सम्मिलित हैं ।

कथन II : समाचार में विचारधारा भी समाविष्ट है, जो समय-काल के अनुसार परिवर्तित होती है ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

1. कथन I और II दोनों सही है।
2. कथन I और II दोनों गलत है।
3. कथन I सही है, लेकिन कथन II गलत है।
4. कथन I गलत है, लेकिन कथन II सही है।

(Option 1 [39773]) 1

(Option 2 [39774]) 2

(Option 3 [39775]) 3

(Option 4 [39776]) 4

Answer Given by Candidate : 1

Sl. No.120
QBID:29201020

Given below are two statements:

Statement I: Bharatha Muni prescribed popular dialects for communication among the elites.

Statement II : Bharatha Muni also prescribed classical languages for common people for effective communication.

In the light of the above statements, choose the most appropriate answer from the options given below :

1. Both Statement I and Statement II are correct.
2. Both Statement I and Statement II are incorrect.
3. Statement I is correct but Statement II is incorrect.
4. Statement I is incorrect but Statement II is correct.

(Option 1 [39777]) 1

(Option 2 [39778]) 2

(Option 3 [39779]) 3

(Option 4 [39780]) 4

नीचे दो कथन दिए गए हैं :

कथन I : भरत मुनि ने अभिजात वर्गों में सम्प्रेषण के लिए लोकप्रिय बोलियां विहित की थी ।

कथन II : भरत मुनि ने प्रभावी सम्प्रेषण हेतु सामान्यजनों के लिए क्लासिकी भाषाओं को भी विहित किया था ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

1. कथन I और II दोनों सही हैं ।
2. कथन I और II दोनों गलत हैं ।
3. कथन I सही है, लेकिन कथन II गलत है ।
4. कथन I गलत है, लेकिन कथन II सही है ।

(Option 1 [39777]) 1

(Option 2 [39778]) 2

(Option 3 [39779]) 3

(Option 4 [39780]) 4

Answer Given by Candidate : 1

Sl. No.121
QBID:29201021

What number would replace question mark (?) in the series given below?

1, 4, 11, 26, 57, 120, 247, ?

1. 424
2. 367
3. 255
4. 502

JRF

(Option 1 [39781]) 1

(Option 2 [39782]) 2

(Option 3 [39783]) 3

(Option 4 [39784]) 4

निम्नलिखित श्रृंखला में प्रश्नवाचक चिन्ह (?) को कौन सी संख्या प्रतिस्थापित करेगी ?

1, 4, 11, 26, 57, 120, 247. ?

    1. 424
    2. 367
    3. 255
    4. 502

(Option 1 [39781]) 1

(Option 2 [39782]) 2

(Option 3 [39783]) 3

(Option 4 [39784]) 4

Answer Given by Candidate : 4

Sl. No.122
QBID:29201022

A man walks 40 meters towards south. Then turning to his right he walks 40 meters again. Then he turns to his left and walks 20 meters. He again turns to his left and walks 40 meters. How far is the man now from his starting point?

    1. 60 meters
    2. 40 meters
    3. 100 meters
    4. 80 meters

(Option 1 [39785]) 1

(Option 2 [39786]) 2

(Option 3 [39787]) 3

(Option 4 [39788]) 4

एक व्यक्ति दक्षिण की ओर 40 मीटर चलता हैं । फिर वह अपनी दाहिनी ओर मुड़कर पुनः 40 मीटर चलता है । फिर वह अपने बाएं मुड़कर 20 मीटर चलता है । वह पुनः अपने बाएं मुड़कर 40 मीटर चलता है । अब वह व्यक्ति अपने आरंभिक बिंदु से कितनी दूरी पर है ?

    1. 60 मीटर
    2. 40 मीटर
    3. 100 मीटर
    4. 80 मीटर

(Option 1 [39785]) 1

(Option 2 [39786]) 2

(Option 3 [39787]) 3

(Option 4 [39788]) 4

Answer Given by Candidate : 1

Sl. No.123
QBID:29201023

A person spends 20% of his money for clothes. 10% of the money is spent on books, 9% for purchasing gifts for family and friends and 7% on some other items. At the end he is left with ₹ 5,400. How much money was there with the person initially?

    1. ₹ 8,000
    2. ₹ 9,000
    3. ₹ 12,000
    4. ₹ 10,000

(Option 1 [39789]) 1

(Option 2 [39790]) 2

(Option 3 [39791]) 3

(Option 4 [39792]) 4

एक व्यक्ति अपनी धनराशि का 20% भाग वस्त्रों पर व्यय करता हैं । 10% धन पुस्तकों पर व्यय करता है और 9% परिवार व मित्रों के लिए उपहार क्रय करने पर व्यय करता है और 7% कुछ अन्य मदों पर। अन्त में उसके पास ₹ 5400 शेष बचे । उस व्यक्ति के पास आरंभ में कितनी धनराशि थी ?

    1. ₹ 8000
    2. ₹ 9000
    3. ₹ 12000
    4. ₹ 10000

(Option 1 [39789]) 1

(Option 2 [39790]) 2

(Option 3 [39791]) 3

(Option 4 [39792]) 4

Answer Given by Candidate : 3

Sl. No.124
QBID:29201024

If the length and breadth of a rectangular plot are increased by 25% and 40% respectively, then the new area of the plot shall be how many times the original area ?

1. $\frac{7}{5}$
2. $\frac{7}{4}$
3. $\frac{5}{9}$
4. $\frac{9}{5}$

(Option 1 [39793]) 1
(Option 2 [39794]) 2
(Option 3 [39795]) 3
(Option 4 [39796]) 4

यदि एक आयताकार भूखण्ड की लंबाई और चौड़ाई में क्रमशः 25% व 40% की वृद्धि की जाती है, तो उक्त भूखण्ड का नया क्षेत्रफल मूल (आरिजिनल) क्षेत्रफल से कितने गुना अधिक होगा ?

1. $\frac{7}{5}$
2. $\frac{7}{4}$
3. $\frac{5}{9}$
4. $\frac{9}{5}$

(Option 1 [39793]) 1
(Option 2 [39794]) 2
(Option 3 [39795]) 3
(Option 4 [39796]) 4
Answer Given by Candidate : 4

Sl. No.125
QBID:29201025

Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle". How is the boy related to the girl ?

1. Uncle
2. Nephew
3. Cousin
4. Brother-in-law

(Option 1 [39797]) 1
(Option 2 [39798]) 2
(Option 3 [39799]) 3
(Option 4 [39800]) 4

एक लड़के का परिचय कराते हुए एक लड़की ने कहा, "वह मेरे अंकल के पिता की पुत्री का पुत्र है ।" उस लड़के का लड़की के साथ क्या संबंध है ?

1. अंकल
2. भतीजा (नैफ्यू)
3. कजिन
4. ब्रदर-इन-लॉ

(Option 1 [39797]) 1
(Option 2 [39798]) 2
(Option 3 [39799]) 3
(Option 4 [39800]) 4
Answer Given by Candidate : 3

Sl. No.126
QBID:29201026

"If I were, a heavy smoker, smoking would shorten my life. That's why I do not smoke. And I expect to live a long and healthy life". Which fallacy is committed in the above argument?

1. Existential fallacy
2. Undistributed middle
3. Affirming the consequent
4. Denying the antecedent

(Option 1 [39801]) 1
(Option 2 [39802]) 2
(Option 3 [39803]) 3
(Option 4 [39804]) 4

"यदि मैं एक अत्याधिक धूम्रपानकर्ता होता तो धूम्रपान ने मेरा जीवन घटा दिया होता । इसी कारण से मैं धूम्रपान नहीं करता हूँ और, मैं एक दीर्घायु और स्वास्थ्यवर्द्धक जीवन जीने की अपेक्षा रखता हूं ।" उपर्युक्त युक्ति में कौन सा तर्क दोष है ?

   1. अस्तित्वपरक तर्क - दोष
   2. अव्याप्त हेतु
   3. फलवाक्य - विधान
   4. हेतुवाक्य - निषेध

(Option 1 [39801]) 1
(Option 2 [39802]) 2
(Option 3 [39803]) 3
(Option 4 [39804]) 4
Answer Given by Candidate : 3

Sl. No.127
QBID:29201027

Identify the fallacy committed in the following argument: "My opponent cheated on his taxes. He hired an illegal migrant as a nanny. His views on tax reforms simply cannot be trusted".

   1. Inappropriate authority
   2. Ad hominem
   3. Appeal to ignorance
   4. Begging the question

(Option 1 [39805]) 1
(Option 2 [39806]) 2
(Option 3 [39807]) 3
(Option 4 [39808]) 4

निम्नलिखित युक्ति में तर्क - दोष की पहचान कीजिए : "मेरे विरोधी ने अपने करों के बारे में बेईमानी की । उसनें एक आया के रूप में एक अवैध प्रवासी को किराए पर रखा । कर-सुधारों के बारे में उसके विचारों पर बिल्कुल विश्वास नहीं किया जा सकता ।"

   1. अनुपयुक्त प्राधिकार
   2. व्यक्ति विशेष के लिए
   3. पराज्ञानमूलक युक्ति
   4. आत्माश्रय दोष

(Option 1 [39805]) 1
(Option 2 [39806]) 2
(Option 3 [39807]) 3
(Option 4 [39808]) 4
Answer Given by Candidate : 2

Sl. No.128
QBID:29201028

Which of the following statement is logically equivalent to the statement "All tigers are hunting animals"?

   1. Some hunting animals are tigers.
   2. No tigers are non-hunting animals.
   3. No hunting animals are tigers.
   4. Some hunting animals are not tigers.

(Option 1 [39809]) 1
(Option 2 [39810]) 2
(Option 3 [39811]) 3
(Option 4 [39812]) 4

निम्नलिखित में से कौन सा कथन तार्किक रूप से इस कथन के समतुल्य है - "सभी बाघ शिकारी पशु होते हैं ?"

   1. कुछ शिकारी पशु बाघ होते है ।
   2. कोई भी बाघ गैर-शिकारी पशु नहीं होता है ।
   3. कोई भी शिकारी पशु बाघ नहीं होता है ।
   4. कुछ शिकारी पशु बाघ नहीं होते हैं ।

(Option 1 [39809]) 1
(Option 2 [39810]) 2
(Option 3 [39811]) 3
 (Option 4 [39812]) 4
Answer Given by Candidate : 2

Sl. No.129
QBID:29201029

Which of the following statements are contradictory to each other?

A. All human beings are mortal.
B. No human beings are mortal.
C. Some human beings are mortal.
D. Some human beings are not mortal.

Choose the most appropriate answer from the options given below:

1. A and B only
2. B and C only
3. C and D only
4. B and D only

(Option 1 [39813]) 1

(Option 2 [39814]) 2

(Option 3 [39815]) 3

(Option 4 [39816]) 4

निम्नलिखित में से कौन से कथन परस्पर व्याघाती हैं ?

A. सभी मनुष्य नश्वर होते हैं ।
B. कोई भी मनुष्य नश्वर नहीं होता है ।
C. कुछ मनुष्य नश्वर होते हैं ।
D. कुछ मनुष्य नश्वर नहीं होते हैं ।

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

1. केवल A और B
2. केवल B और C
3. केवल C और D
4. केवल B और D

(Option 1 [39813]) 1

(Option 2 [39814]) 2

(Option 3 [39815]) 3

(Option 4 [39816]) 4

Answer Given by Candidate : 1

Sl. No.130
QBID:29201030

According to Classical Indian school of logic knowledge derived from comparison and which roughly corresponds to analogy is:

1. Arthapatti
2. Anumāna
3. Upamāna
4. Anuplabdhi

(Option 1 [39817]) 1

(Option 2 [39818]) 2

(Option 3 [39819]) 3

(Option 4 [39820]) 4

भारतीय शास्त्रीय तर्क मत के अनुसार वह ज्ञान जो तुलना से व्युत्पन्न होता है और जो लगभग साट्श्यानुमान के अनुरूप होता है, वह कहलाता है :

1. अर्थापत्ति
2. अनुमान
3. उपमान
4. अनुपलब्धि

(Option 1 [39817]) 1

(Option 2 [39818]) 2

(Option 3 [39819]) 3

(Option 4 [39820]) 4

Answer Given by Candidate : 3

Sl. No.131
QBID:29201031

The hardware address of a computer network device consists of 48 bits. Which of the following is a valid address in hexadecimal numbers?

1. 00E0071944A0
2. 0A23B5
3. 1E07FG124372
4. 398A7E9412110408

(Option 1 [39821]) 1

(Option 2 [39822]) 2

(Option 3 [39823]) 3

(Option 4 [39824]) 4

किसी कंप्यूटर नेटवर्क युक्ति के हार्डवेयर एड्रेस में 48 बिट्स हैं । हेक्साडेसिमल संख्याओं के पदों में निम्नलिखित में से वैध एड्रेस कौन सा है ?

1. 00E0071944A0
2. 0A23B5
3. 1E07FG124372
4. 398A7E9412110408

(Option 1 [39821]) 1

(Option 2 [39822]) 2

(Option 3 [39823]) 3

(Option 4 [39824]) 4

Answer Given by Candidate : 2

Sl. No.132
QBID:29201032

The computer uses a bootstrap. Which of the following shows the part of a computer of which the bootstrap is an example?

1. application software
2. firmware
3. hard disk drive
4. IP address

(Option 1 [39825]) 1

(Option 2 [39826]) 2

(Option 3 [39827]) 3

(Option 4 [39828]) 4

कंप्यूटर एक बूटस्ट्रैप का प्रयोग करता है । निम्नलिखित में से कंप्यूटर का कौन सा भाग उसे प्रदर्शित करता है जिसका उदाहरण बूटस्ट्रैप है ?

1. अप्लीकेशन साफ्टवेयर
2. फर्मवेयर
3. हार्डडिस्क ड्राइव
4. आई पी एड्रैस

(Option 1 [39825]) 1

(Option 2 [39826]) 2

(Option 3 [39827]) 3

(Option 4 [39828]) 4

Answer Given by Candidate : 2

Sl. No.133
QBID:29201033

Given below are two statements:

Statement I: One always uses CD-ROMs to save data.

Statement II : A computer has 2048 MB of RAM. That means computer has 1.2 GB of RAM.

In the light of the above statements, choose the correct answer from the options given below:

1. Both Statement I and Statement II are true.
2. Both Statement I and Statement II are false.
3. Statement I is true but Statement II is false.
4. Statement I is false but Statement II is true.

(Option 1 [39829]) 1

(Option 2 [39830]) 2

(Option 3 [39831]) 3

(Option 4 [39832]) 4

नीचे दो कथन दिए गए हैं :

कथन I : अपने डाटा को सुरक्षित (सेव) करने के लिए सदैव सीडी-रोम (CD-ROMs) का प्रयोग किया जाता है ।

कथन II : एक कंप्यूटर की रैम 2048 एम बी है । इसका अर्थ है कि कंप्यूटर की रैम 1.2 जी.बी. है ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

1. कथन I और II दोनों सत्य हैं ।
2. कथन I और II दोनों असत्य हैं ।
3. कथन I सत्य है, लेकिन कथन II असत्य है ।
4. कथन I असत्य है, लेकिन कथन II सत्य है ।

(Option 1 [39829]) 1
(Option 2 [39830]) 2
(Option 3 [39831]) 3
(Option 4 [39832]) 4
Answer Given by Candidate : 2

Sl. No.134
QBID:29201034

Which file formats are used to store music files?

A. bmp
B. wav
C. mp3
D. htm
E. wma

Choose the correct answer from the options given below :

1. A, B and D only
2. A, D and E only
3. B, C and D only
4. B, C and E only

(Option 1 [39833]) 1
(Option 2 [39834]) 2
(Option 3 [39835]) 3
(Option 4 [39836]) 4

संगीत फाइलों को संचित करने के लिए निम्नलिखित में से कौन से फाइल फार्मेट प्रयुक्त किये जाते हैं ?

A. bmp
B. wav
C. mp3
D. htm
E. wma

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

1. केवल A, B और D
2. केवल A, D और E
3. केवल B, C और D
4. केवल B, C और E

(Option 1 [39833]) 1
(Option 2 [39834]) 2
(Option 3 [39835]) 3
(Option 4 [39836]) 4
Answer Given by Candidate : 4

Sl. No.135
QBID:29201035

Match List I with List II

LIST I (Internet Term)		LIST II (Description)	
A.	Spyware	I.	Malicious software installed on a user's hard drive or a web server; the software re-directs the user to a fake website without their consent or knowledge.
B.	Phishing	II.	Websites designed to promote the building of online communities who share the same interest; usually free of charge; users can add friends, post messages to each other and update personal profiles.
C.	Social networking sites	III.	Legitimate-looking email sent to a user in the hope of gathering personal information; as soon as the recipient clicks on the link in email (or email attachment) they are sent to a fake website.
D.	Pharming	IV.	Software that secretly gathers information by monitoring key presses on a user's keyboard; this information is relayed back to person who sent the software originally.

Choose the correct answer from the options given below :

   1. A-I, B-II, C-III, D-IV
   2. A-IV, B-II, C-III, D-I
   3. A-II, B-IV, C-I, D-III
   4. A-IV, B-III, C-II, D-I

(Option 1 [39837]) 1

(Option 2 [39838]) 2

(Option 3 [39839]) 3

(Option 4 [39840]) 4

सूची I के साथ सूची II का मिलान कीजिए

सूची I (इंटरनेट पद)		सूची II (विवरण)	
A.	स्पाईवेयर	I.	किसी प्रयोक्ता के हार्डड्राइव या वेब सर्वर पर मैलिसियस साफ्टवेयर इन्स्टाल किया जाता है; प्रयोक्ता की सहमति या संज्ञान के बिना साफ्टवेयर प्रयोक्ता को नकली वेबसाइट के लिए पुनः निर्देशित करता है ।
B.	फिशिंग	II.	समान हितधारी आनलाइन समुदायों के निर्माण के प्रचार के लिए वेबसाइट संरचित की जाती हैं ; जो सामान्यतः निःशुल्क होती हैं; इसमें प्रयोक्ता मित्रों को जोड़ सकते हैं, एक-दूसरे को संदेश प्रेषित कर सकते हैं और अपने व्यक्तिगत प्रोफाइल को अपडेट कर सकते हैं ।
C.	सोशल नेटवर्किंग साइट्स	III.	व्यक्तिगत सूचना एकत्रित करने की आशा में किसी प्रयोक्ता को भेजे गये वैध दिखने वाले ईमेल; जैसे ही प्राप्तकर्ता ईमेल (या ईमेल अटैचमेन्ट) के लिंक पर क्लिक करता है तो वे नकली वेबसाइट पर भेज दिये जाते हैं ।
D.	फार्मिंग	IV.	वह साफ्टवेयर जो गुप्त रूप से प्रयोक्ता की कीबोर्ड पर दबाई गई बटनों की निगरानी द्वारा सूचना एकत्र करता है; यह सूचना उस व्यक्ति को वापस भेज दी जाती है जिसने मूलरूप से साफ्टवेयर भेजा था ।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

   1. A-I, B-II, C-III, D-IV
   2. A-IV, B-II, C-III, D-I
   3. A-II, B-IV, C-I, D-III
   4. A-IV, B-III, C-II, D-I

(Option 1 [39837]) 1

(Option 2 [39838]) 2

(Option 3 [39839]) 3

(Option 4 [39840]) 4

Answer Given by Candidate : 4

Sl. No.136
QBID:29201036

Solar ponds store solar thermal energy by ?

   1. Photovoltaic cells
   2. Creating salt gradient
   3. Using solar thermal collectors
   4. Covering major portion of pond by plastic sheets

(Option 1 [39841]) 1

(Option 2 [39842]) 2

(Option 3 [39843]) 3

(Option 4 [39844]) 4

सौर ताल निम्नलिखित में से किस के द्वारा सौर तापीय ऊर्जा का संचय करते हैं ?

   1. प्रकाश वोल्टीय सैल
   2. लवण प्रवणता की रचना कर
   3. सौर तापीय संग्रहकों के प्रयोग द्वारा
   4. ताल के बड़े भाग को प्लास्टिक की शीटों से आच्छादित करके

(Option 1 [39841]) 1

(Option 2 [39842]) 2

(Option 3 [39843]) 3

Answer Given by Candidate : 1

Sl. No.137
QBID:29201037

Which of the following are responsible for formation and destruction of ozone (O_3) in upper atmosphere?

    A. Solar radiation
    B. Oxides of nitrogen (NO_x)
    C. Black Carbon
    D. Chlorine (Cl)
    E. Ammonia (NH_3)

Choose the most appropriate answer from the options given below:

    1. A, B and D only
    2. B, C and D only
    3. C, D and E only
    4. A, C and E only

(Option 1 [39845]) 1
(Option 2 [39846]) 2
(Option 3 [39847]) 3
(Option 4 [39848]) 4

ऊपरी वायुमंडल में ओजोन (O_3) के सृजन व विनाश के लिए निम्नलिखित में से कौन-कौन उत्तरदायी है ?

    A. सौर विकिरण
    B. नाइट्रोजन के आक्साइड (NO_x)
    C. ब्लैक कार्बन
    D. क्लोरीन (Cl)
    E. अमोनिया (NH_3)

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

    1. केवल A, B और D
    2. केवल B, C और D
    3. केवल C, D और E
    4. केवल A, C और E

(Option 1 [39845]) 1
(Option 2 [39846]) 2
(Option 3 [39847]) 3
(Option 4 [39848]) 4
Answer Given by Candidate : 1

Sl. No.138
QBID:29201038

Which of the following are primary aerosols in atmosphere?

    A. Sea salt
    B. Black carbon
    C. Sulphate
    D. Nitrate
    E. Mineral particles

Choose the most appropriate answer from the options given below:

    1. A, B and C only
    2. B, C and D only
    3. A, B and E only
    4. C, D and E only

(Option 1 [39849]) 1
(Option 2 [39850]) 2
(Option 3 [39851]) 3
(Option 4 [39852]) 4

निम्नलिखित में से कौन-कौन वायुमंडल के प्राथमिक ऐरोसोल हैं ।

   A. समुद्री लवण
   B. ब्लैक कार्बन
   C. सल्फेट
   D. नाइट्रेट
   E. खनिज कण

नीचे दिए गए विकल्पों में सबसे उपयुक्त उत्तर का चयन कीजिए :

   1. केवल A, B और C
   2. केवल B, C और D
   3. केवल A, B और E
   4. केवल C, D और E

(Option 1 [39849]) 1
(Option 2 [39850]) 2
(Option 3 [39851]) 3
(Option 4 [39852]) 4
Answer Given by Candidate : 3

Sl. No.139
QBID:29201039

Given below are two statements:

Statement I: Dose-response assessment is the process of determining whether or not a particular chemical is causally linked to particular health effect.

Statement II : Hazard identification is the process of characterizing the relationship between the dose of an toxic agent received and the incidence of an adverse health effect.

In the light of the above statements, choose the most appropriate answer from the options given below:

   1. Both Statement I and Statement II are correct.
   2. Both Statement I and Statement II are incorrect.
   3. Statement I is correct but Statement II is incorrect.
   4. Statement I is incorrect but Statement II is correct.

(Option 1 [39853]) 1
(Option 2 [39854]) 2
(Option 3 [39855]) 3
(Option 4 [39856]) 4

नीचे दो कथन दिए गए हैं :

कथन I : किसी रसायन विशेष के एक विशिष्ट स्वास्थ्य प्रभाव से कारणात्मक रूप में जुड़े होने अथवा न जुड़े होने का निर्धारण करनेवाली प्रक्रिया खुराक- अनुक्रिया आकलन है ।

कथन II : जोखिम की पहचान, प्राप्त विषैले अभिकर्ता की खुराक और प्रतिकूल स्वास्थ्य प्रभाव की घटना के बीच के संबंध के विशिष्टीकरण की प्रक्रिया है ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए :

   1. कथन I और II दोनों सही हैं ।
   2. कथन I और II दोनों गलत हैं ।
   3. कथन I सही है, लेकिन कथन II गलत है ।
   4. कथन I गलत है, लेकिन कथन II सही है ।

(Option 1 [39853]) 1
(Option 2 [39854]) 2
(Option 3 [39855]) 3
(Option 4 [39856]) 4
Answer Given by Candidate : 1

Sl. No.140
QBID:29201040

Lower level of Dissolved Oxygen (DO) in water

  A. is bad for human consumption.
  B. may have been caused due to presence of oxygen demanding wastes.
  C. threatens the fish and aquatic life.
  D. cannot be used for irrigation purposes.
  E. may cause undesirable taste and odour.

Choose the most appropriate answer from the options given below:

  1. A, B and C only
  2. A, B and D only
  3. B, C and E only
  4. C, D and E only

(Option 1 [39857]) 1

(Option 2 [39858]) 2

(Option 3 [39859]) 3

(Option 4 [39860]) 4

जल में विलयित आक्सीजन (DO) का निम्न स्तर

  A. मानव उपभोग के लिए बुरा हैं ।
  B. आक्सीजन की मांग वाले अपशिष्टों की उपस्थिति के कारण हुआ होगा ।
  C. मत्स्य व जलीय जीवन के प्रति खतरा है ।
  D. सिंचाई के लिए प्रयोग नहीं किया जा सकता है ।
  E. अवांछनीय स्वाद व गंध उत्पन्न कर सकता है ।

नीचे दिए गए विकल्पों में सबसे उपयुक्त उत्तर का चयन कीजिए :

  1. केवल A, B और C
  2. केवल A, B और D
  3. केवल B, C और E
  4. केवल C, D और E

(Option 1 [39857]) 1

(Option 2 [39858]) 2

(Option 3 [39859]) 3

(Option 4 [39860]) 4

Answer Given by Candidate : 4

Sl. No.141
QBID:29201041

The policy of privatization of higher education began during:

  1. The first five year plan
  2. The third five year plan
  3. The sixth five year plan
  4. The eighth five year plan

(Option 1 [39861]) 1

(Option 2 [39862]) 2

(Option 3 [39863]) 3

(Option 4 [39864]) 4

उच्च - शिक्षा में निजीकरण की नीति, निम्नांकित किस पंचवर्षीय योजना के दौरान आरंभ की गयी ?

  1. प्रथम
  2. तीसरी
  3. छठवीं
  4. आठवीं

(Option 1 [39861]) 1

(Option 2 [39862]) 2

(Option 3 [39863]) 3

(Option 4 [39864]) 4

Answer Given by Candidate : 4

Sl. No.142
QBID:29201042

Dr. B.R. Ambedkar was associated with the efforts in establishing :

  1. Milind College
  2. Aurangabad college
  3. Maha Bodhi college
  4. Nagpur college

(Option 1 [39865]) 1

(Option 2 [39866]) 2

(Option 3 [39867]) 3

(Option 4 [39868]) 4

डॉ. बी. आर. अंबेडकर, निम्नलिखित में से किसकी स्थापना करने के प्रयास से संबंद्ध थे ?

1. मिलिन्द कॉलेज
2. औरंगाबाद कॉलेज
3. महाबोधि कॉलेज
4. नागपुर कॉलेज

(Option 1 [39865]) 1

(Option 2 [39866]) 2

(Option 3 [39867]) 3

(Option 4 [39868]) 4

Answer Given by Candidate : 3

Sl. No.143
QBID:29201043

Given below are two statements :

Statement I: Constitution allows both central government and state governments to enact laws for the higher education system in India.

Statement II : More than 75% of colleges in the field of higher education are in private sector (government aided and unaided).

In the light of the above statements, choose the correct answer from the options given below :

1. Both Statement I and Statement II are true.
2. Both Statement I and Statement II are false.
3. Statement I is true but Statement II is false.
4. Statement I is false but Statement II is true.

(Option 1 [39869]) 1

(Option 2 [39870]) 2

(Option 3 [39871]) 3

(Option 4 [39872]) 4

नीचे दो कथन दिए गए हैं :

कथन I : संविधान केन्द्र सरकार व राज्य सरकारों दोनों को भारत में उच्च शिक्षा हेतु विधियों के अधिनियमन की अनुमति देता हैं ।

कथन II : उच्च शिक्षा के क्षेत्र में 75% से अधिक महाविद्यालय निजी क्षेत्र (सरकारी सहायता प्राप्त व बिना सहायता के) में हैं ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर की चयन कीजिए :

1. कथन I और II दोनों सत्य हैं ।
2. कथन I और II दोनों असत्य हैं ।
3. कथन I सत्य है, लेकिन कथन II असत्य है ।
4. कथन I असत्य है, लेकिन कथन II सत्य है

(Option 1 [39869]) 1

(Option 2 [39870]) 2

(Option 3 [39871]) 3

(Option 4 [39872]) 4

Answer Given by Candidate : 3

Sl. No.144
QBID:29201044

Given below are two statements :

Statement I: The purpose of higher education is to promote critical and creative thinking abilities among students.

Statement II : Deemed Universities can design their own syllabus and course work but cannot grant degrees.

In the light of the above statements, choose the correct answer from the options given below :

1. Both Statement I and Statement II are true.
2. Both Statement I and Statement II are false.
3. Statement I is true but Statement II is false.
4. Statement I is false but Statement II is true.

(Option 1 [39873]) 1

(Option 2 [39874]) 2

(Option 3 [39875]) 3

(Option 4 [39876]) 4

नीचे दो कथन दिए गए हैः

कथन I : उच्च शिक्षा का उद्देश्य विद्यार्थियों के बीच समीक्षात्मक व सृजनात्मक विचारण योग्यताओं का संवर्धन करना है ।

कथन II : समविश्वविद्यालय अपने स्वयं के पाठ्यक्रम व कोर्स-कार्य को अभिकल्पित कर सकते हैं, परन्तु वे डिग्रियां प्रदान नहीं कर सकते हैं ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में सही उत्तर का चयन कीजिएः

1. कथन I और II दोनों सत्य हैं ।
2. कथन I और II दोनों असत्य हैं ।
3. कथन I सत्य है, लेकिन कथन II असत्य है ।
4. कथन I असत्य है, लेकिन कथन II सत्य है ।

(Option 1 [39873]) 1

(Option 2 [39874]) 2

(Option 3 [39875]) 3

(Option 4 [39876]) 4

Answer Given by Candidate : 3

Sl. No.145
QBID:29201045

Given below are two statements :

Statement I: The All India Council of Technical Education (AICTE) was established in 1956 in order to ensure planned and coordinated development of technical education in India.

Statement II : Technical Education was defined as programmes of education in engineering, technology, architecture, town planning, management, pharmacy and applied arts and crafts.

In the light of the above statements, choose the correct answer from the options given below :

1. Both Statement I and Statement II are true.
2. Both Statement I and Statement II are false.
3. Statement I is true but Statement II is false.
4. Statement I is false but Statement II is true.

(Option 1 [39877]) 1

(Option 2 [39878]) 2

(Option 3 [39879]) 3

(Option 4 [39880]) 4

नीचे दो कथन दिए गए हैः

कथन I : भारत में तकनीकी शिक्षा के नियोजित और समन्वित विकास को सुनिश्चित करने के क्रम में वर्ष 1956 में अखिल भारतीय तकनीकी शिक्षा परिषद (ए आई सी टी ई) की स्थापना की गयी थी ।

कथन II : तकनीकी शिक्षा को इंजिनियरिंग (अभियांत्रिकी), प्रौद्योगिकी, स्थापत्य, नगर-नियोजन, प्रबंधन, फार्मेसी (भेषजी) और अनुप्रयुक्त कला ओर शिल्प विषयों में शिक्षा के कार्यक्रम के रुप में परिभाषित किया गया था ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में सही उत्तर का चयन कीजिएः

1. कथन I और II दोनों सत्य हैं ।
2. कथन I और II दोनों असत्य हैं ।
3. कथन I सत्य है, लेकिन कथन II असत्य है ।
4. कथन I असत्य है, लेकिन कथन II सत्य है ।

(Option 1 [39877]) 1

(Option 2 [39878]) 2

(Option 3 [39879]) 3

(Option 4 [39880]) 4

Answer Given by Candidate : 1

Sl. No.146
QBID:29201046

Read the following passage and answer the question:

Social media platforms have significant advantage over news publishers because of their size and superior information about users. Driven by the need to generate the maximum possible returns for investors, they do not shy away from leveraging this advantage when negotiating commercial agreements.

While news publishers in many countries come together as a consortium to further their collective interests, the rivalry among news publishers prevents them from presenting a united front to bargain for their collective interests. As a result, in individual negotiations with social media platforms, the revenue share, if they ever get any, is trivial compared to the total money made by social media platforms.

Local news publishers, often very small, suffer disproportionately, to the extent that many have gone bankrupt in the last few years. Those who have survived have become more content-producing vendors. They exist to feed the social media monster, which decides which article will appear in which readers feed to maximize advertising revenues. Journalistic responsibility to provide citizens with the information they need to make important decisions about their lives, communities and governments is seldom a consideration.

नीचे दिए गए गधांश को पढ़िए व प्रश्न का उत्तर दीजिए :

सोशल मीडिया मंच अपने आकार प्रयोक्ताओं के बारे में श्रेष्ठ सूचना के कारण समाचार प्रकाशकों की अपेक्षा अधिक लाभदायक स्थिति में होते हैं । अपने निवेशकों के लिए अधिकतम लाभ उत्पन्न करने की आवश्यकता से चलित, ये मंच वाणिज्यिक करार संबंधी वार्ताओं में इस लाभ का प्रयोग करने में संकोच नहीं करते हैं ।

जबकि अनेक देशों में समाचार प्रकाशक अपने सामूहिक हितों को आगे बढ़ाने के लिए कॉन्सॉर्शियम में एकजुट होते हैं, वहीं उनके बीच की प्रतिद्वंदिता उन्हें अपने सामूहिक हितों के लिए एकताबद्ध मोर्चा प्रस्तुत करने से रोकती है । परिणाम स्वरुप, सोशल मीडिया मंचों के साथ अलग-अलग वार्ताओं में यदि उन्हें राजस्व में कुछ हिस्सा मिलता भी है, तो वह सोशल मीडिया मंचो द्वारा अर्जित कुल धनराशि की तुलना में नगण्य होता है ।

बहुधा अत्यधिक लघु स्थानीय समाचार प्रकाशकों को इस सीमा तक अनुपातहीन कष्ट उठाना पड़ता है कि विगत कुछ वर्षों में उनमे से कई दिवालिया हो गए हैं । जो बचे रहे हैं वे मात्र अंतर्वस्तु (कंटेंट) रचना करने वाले विक्रेता बनकर रह गए हैं । उनका अस्तित्व सोशल मीडिया दैत्य के भरण के लिए है जो निर्णय करता है कि कौनसा लेख किस पाठक की फीड में जाए ताकि विज्ञापन राजस्व को अधिकतम किया जा सके । नागरिकों को अपने जीवन, समुदायों व सरकारों के संबंध में महत्वपूर्ण निर्णय करने के लिए आवश्यक सूचना प्रदान करने के पत्रकारों का उत्तरदायित्व कदापि एक विचार का विषय नहीं बनता हैं ।

Given below are two statements :

Statement I: News publishers have better information about their users as compared to social media platforms.

Statement II : Social media platforms are generally very particular in presenting correct information to the citizens.

In the light of the above statements, choose the correct answer from the options given below :

1. Both Statement I and Statement II are true.
2. Both Statement I and Statement II are false.
3. Statement I is true but Statement II is false.
4. Statement I is false but Statement II is true.

(Option 1 [39881]) 1

(Option 2 [39882]) 2

(Option 3 [39883]) 3

(Option 4 [39884]) 4

नीचे दो कथन दिए गए हैः

कथन I : सोशल मीडिया मंचों की तुलना में समाचार प्रकाशकों के पास अपने प्रयोक्ताओं के बारे में बेहतर सूचना होती है ।

कथन II : सोशल मीडिया मंच नागरिकों को सही सूचना प्रदान करने के बारे में सामान्यतया विशेष रुप से बहुत सजग रहते हैं ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में सही उत्तर का चयन कीजिएः

1. कथन I और II दोनों सत्य हैं ।
2. कथन I और II दोनों असत्य हैं ।
3. कथन I सत्य है, लेकिन कथन II असत्य है ।
4. कथन I असत्य है, लेकिन कथन II सत्य है ।

(Option 1 [39881]) 1

(Option 2 [39882]) 2

(Option 3 [39883]) 3

(Option 4 [39884]) 4

Answer Given by Candidate : 4

Sl. No.147
QBID:29201047

Read the following passage and answer the question:

Social media platforms have significant advantage over news publishers because of their size and superior information about users. Driven by the need to generate the maximum possible returns for investors, they do not shy away from leveraging this advantage when negotiating commercial agreements.

While news publishers in many countries come together as a consortium to further their collective interests, the rivalry among news publishers prevents them from presenting a united front to bargain for their collective interests. As a result, in individual negotiations with social media platforms, the revenue share, if they ever get any, is trivial compared to the total money made by social media platforms.

Local news publishers, often very small, suffer disproportionately, to the extent that many have gone bankrupt in the last few years. Those who have survived have become more content-producing vendors. They exist to feed the social media monster, which decides which article will appear in which readers feed to maximize advertising revenues. Journalistic responsibility to provide citizens with the information they need to make important decisions about their lives, communities and governments is seldom a consideration.

नीचे दिए गए गधांश को पढ़िए व प्रश्न का उत्तर दीजिए :

सोशल मीडिया मंच अपने आकार प्रयोक्ताओं के बारे में श्रेष्ठ सूचना के कारण समाचार प्रकाशकों की अपेक्षा अधिक लाभदायक स्थिति में होते हैं । अपने निवेशकों के लिए अधिकतम लाभ उत्पन्न करने की आवश्यकता से चलित, ये मंच वाणिज्यिक करार संबंधी वार्ताओं में इस लाभ का प्रयोग करने में संकोच नहीं करते हैं ।

जबकि अनेक देशों में समाचार प्रकाशक अपने सामूहिक हितों को आगे बढाने के लिए कॉन्सॉर्शियम में एकजुट होते हैं, वही उनके बीच की प्रतिद्वंदिता उन्हें अपने सामूहिक हितों के लिए एकताबद्ध मोर्चा प्रस्तुत करने से रोकती है । परिणाम स्वरुप, सोशल मीडिया मंचों के साथ अलग-अलग वार्ताओं में यदि उन्हें राजस्व में कुछ हिस्सा मिलता भी है, तो वह सोशल मीडिया मंचो द्वारा अर्जित कुल धनराशि की तुलना में नगण्य होता है ।

बहुधा अत्यधिक लघु स्थानीय समाचार प्रकाशकों को इस सीमा तक अनुपातहीन कष्ट उठाना पड़ता है कि विगत कुछ वर्षों में उनमे से कई दिवालिया हो गए हैं । जो बचे रहे हैं वे मात्र अंतर्वस्तु (कंटेंट) रचना करने वाले विक्रेता बनकर रह गए हैं । उनका अस्तित्व सोशल मीडिया दैत्य के भरण के लिए है जो निर्णय करता है कि कौनसा लेख किस पाठक की फीड में जाए ताकि विज्ञापन राजस्व को अधिकतम किया जा सके । नागरिकों को अपने जीवन, समुदायों व सरकारों के संबंध में महत्वपूर्ण निर्णय करने के लिए आवश्यक सूचना प्रदान करने के पत्रकारों का उत्तरदायित्व कदापि एक विचार का विषय नहीं बनता हैं ।

Identify the correct statements from those given below:

A. Social media platforms have impacted the local news publishers adversely.
B. Social media platforms make much more money as compared to individual news publishers.
C. News publishers are better placed than social media platforms because of their size and information they have about the users.

Choose the correct answer from the options given below:

1. A and B only
2. B and C only
3. A and C only
4. A, B and C

(Option 1 [39885]) 1
(Option 2 [39886]) 2
(Option 3 [39887]) 3
(Option 4 [39888]) 4

निम्नलिखित में से सही कथनों की पहचान कीजिए :

A. सोशल मीडिया मंचों ने स्थानीय समाचार प्रकाशकों को प्रतिकूल रूप से प्रभावित किया है ।
B. व्यक्तिक समाचार प्रकाशकों की अपेक्षा सोशल मीडिया मंच अधिक धन अर्जित करते हैं ।
C. समाचार प्रकाशक अपने आकार व प्रयोक्ताओं संबंधी सूचना के कारण सोशल मीडिया मंचों की अपेक्षा बेहतर स्थिति में हैं ।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

1. केवल A और B
2. केवल B और C
3. केवल A और C
4. A, B और C

(Option 1 [39885]) 1
(Option 2 [39886]) 2
(Option 3 [39887]) 3
(Option 4 [39888]) 4

Answer Given by Candidate : 1

Sl. No.148
QBID:29201048

Read the following passage and answer the question:

Social media platforms have significant advantage over news publishers because of their size and superior information about users. Driven by the need to generate the maximum possible returns for investors, they do not shy away from leveraging this advantage when negotiating commercial agreements.

While news publishers in many countries come together as a consortium to further their collective interests, the rivalry among news publishers prevents them from presenting a united front to bargain for their collective interests. As a result, in individual negotiations with social media platforms, the revenue share, if they ever get any, is trivial compared to the total money made by social media platforms.

Local news publishers, often very small, suffer disproportionately, to the extent that many have gone bankrupt in the last few years. Those who have survived have become more content-producing vendors. They exist to feed the social media monster, which decides which article will appear in which readers feed to maximize advertising revenues. Journalistic responsibility to provide citizens with the information they need to make important decisions about their lives, communities and governments is seldom a consideration.

नीचे दिए गए गधांश को पढ़िए व प्रश्न का उत्तर दीजिए :

सोशल मीडिया मंच अपने आकार प्रयोक्ताओं के बारे में श्रेष्ठ सूचना के कारण समाचार प्रकाशकों की अपेक्षा अधिक लाभदायक स्थिति में होते हैं । अपने निवेशकों के लिए अधिकतम लाभ उत्पन्न करने की आवश्यकता से चलित, ये मंच वाणिज्यिक करार संबंधी वार्ताओं में इस लाभ का प्रयोग करने में संकोच नहीं करते हैं ।

जबकि अनेक देशों में समाचार प्रकाशक अपने सामूहिक हितों को आगे बढ़ाने के लिए कॉन्सॉर्शियम में एकजुट होते हैं, वहीं उनके बीच की प्रतिद्वंद्विता उन्हें अपने सामूहिक हितों के लिए एकताबद्ध मोर्चा प्रस्तुत करने से रोकती है । परिणाम स्वरूप, सोशल मीडिया मंचों के साथ अलग-अलग वार्ताओं में यदि उन्हें राजस्व में कुछ हिस्सा मिलता भी है, तो वह सोशल मीडिया मंचो द्वारा अर्जित कुल धनराशि की तुलना में नगण्य होता है ।

बहुधा अत्यधिक लघु स्थानीय समाचार प्रकाशकों को इस सीमा तक अनुपातहीन कष्ट उठाना पड़ता है कि विगत कुछ वर्षों में उनमें से कई दिवालिया हो गए हैं । जो बचे रहे हैं वे मात्र अंतर्वस्तु (कंटेंट) रचना करने वाले विक्रेता बनकर रह गए हैं । उनका अस्तित्व सोशल मीडिया दैत्य के भरण के लिए है जो निर्णय करता है कि कौनसा लेख किस पाठक की फीड में जाए ताकि विज्ञापन राजस्व को अधिकतम किया जा सके । नागरिकों को अपने जीवन, समुदायों व सरकारों के संबंध में महत्वपूर्ण निर्णय करने के लिए आवश्यक सूचना प्रदान करने के पत्रकारों का उत्तरदायित्व कदापि एक विचार का विषय नहीं बनता हैं ।

Correct information is needed by the citizens to make important decisions about their

   A. communities
   B. lives
   C. governments
   D. newspaper vendors

Choose the correct answer from the options given below:

   1. A, B and C only
   2. B, C and D only
   3. A, C and D only
   4. A, B, C and D

(Option 1 [39889]) 1
(Option 2 [39890]) 2
(Option 3 [39891]) 3
(Option 4 [39892]) 4

नागरिकों को निम्नलिखित में से किनके संबंध में महत्वपूर्ण निर्णय करने के लिए सही सूचना की आवश्यकता होती है ?

   A. समुदायों
   B. जीवन
   C. सरकारें
   D. समाचार पत्र विक्रेताओं

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

   1. केवल A, B और C
   2. केवल B, C और D
   3. केवल A, C और D
   4. A, B, C और D

(Option 1 [39889]) 1
(Option 2 [39890]) 2
(Option 3 [39891]) 3
(Option 4 [39892]) 4

Answer Given by Candidate : 1

Sl. No.149
QBID:29201049

Read the following passage and answer the question:

Social media platforms have significant advantage over news publishers because of their size and superior information about users. Driven by the need to generate the maximum possible returns for investors, they do not shy away from leveraging this advantage when negotiating commercial agreements.

While news publishers in many countries come together as a consortium to further their collective interests, the rivalry among news publishers prevents them from presenting a united front to bargain for their collective interests. As a result, in individual negotiations with social media platforms, the revenue share, if they ever get any, is trivial compared to the total money made by social media platforms.

Local news publishers, often very small, suffer disproportionately, to the extent that many have gone bankrupt in the last few years. Those who have survived have become more content-producing vendors. They exist to feed the social media monster, which decides which article will appear in which readers feed to maximize advertising revenues. Journalistic responsibility to provide citizens with the information they need to make important decisions about their lives, communities and governments is seldom a consideration.

नीचे दिए गए गधांश को पढ़िए व प्रश्न का उत्तर दीजिए :

सोशल मीडिया मंच अपने आकार प्रयोक्ताओं के बारे में श्रेष्ठ सूचना के कारण समाचार प्रकाशकों की अपेक्षा अधिक लाभदायक स्थिति में होते हैं । अपने निवेशकों के लिए अधिकतम लाभ उत्पन्न करने की आवश्यकता से चलित, ये मंच वाणिज्यिक करार संबंधी वार्ताओं में इस लाभ का प्रयोग करने में संकोच नहीं करते हैं ।

जबकि अनेक देशों में समाचार प्रकाशक अपने सामूहिक हितों को आगे बढाने के लिए कॉन्सॉर्शियम में एकजुट होते हैं, वहीं उनके बीच की प्रतिद्वंदिता उन्हें अपने सामूहिक हितों के लिए एकताबद्ध मोर्चा प्रस्तुत करने से रोकती है । परिणाम स्वरुप, सोशल मीडिया मंचों के साथ अलग-अलग वार्ताओं में यदि उन्हें राजस्व में कुछ हिस्सा मिलता भी है, तो वह सोशल मीडिया मंचो द्वारा अर्जित कुल धनराशि की तुलना में नगण्य होता है ।

बहुधा अत्यधिक लघु स्थानीय समाचार प्रकाशकों को इस सीमा तक अनुपातहीन कष्ट उठाना पड़ता है कि विगत कुछ वर्षों में उनमे से कई दिवालिया हो गए हैं । जो बचे रहे हैं वे मात्र अंतर्वस्तु (कंटेंट) रचना करने वाले विक्रेता बनकर रह गए हैं । उनका अस्तित्व सोशल मीडिया दैत्य के भरण के लिए है जो निर्णय करता है कि कौनसा लेख किस पाठक की फीड में जाए ताकि विज्ञापन राजस्व को अधिकतम किया जा सके । नागरिकों को अपने जीवन, समुदायों व सरकारों के संबंध में महत्वपूर्ण निर्णय करने के लिए आवश्यक सूचना प्रदान करने के पत्रकारों का उत्तरदायित्व कदापि एक विचार का विषय नहीं बनता हैं ।

Given below are two statements :

Statement I: There is rivalry among news publishers.

Statement II : Many social media platforms have gone bankrupt.

In the light of the above statements, choose the correct answer from the options given below :

1. Both Statement I and Statement II are true.
2. Both Statement I and Statement II are false.
3. Statement I is true but Statement II is false.
4. Statement I is false but Statement II is true.

(Option 1 [39893]) 1
(Option 2 [39894]) 2
(Option 3 [39895]) 3
(Option 4 [39896]) 4

नीचे दो कथन दिए गए है:
कथन I : समाचार प्रकाशकों के बीच प्रतिद्वंदिता होती है ।
कथन II : अनेक सोशल मीडिया मंच दिवालिया हो गए हैं ।
उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में सही उत्तर का चयन कीजिएः

1. कथन I और II दोनों सत्य हैं ।
2. कथन I और II दोनों असत्य हैं ।
3. कथन I सत्य है, लेकिन कथन II असत्य है ।
4. कथन I असत्य है, लेकिन कथन II सत्य है ।

(Option 1 [39893]) 1
(Option 2 [39894]) 2
(Option 3 [39895]) 3
(Option 4 [39896]) 4
Answer Given by Candidate : 3
Sl. No.150
QBID:29201050

Read the following passage and answer the question:

Social media platforms have significant advantage over news publishers because of their size and superior information about users. Driven by the need to generate the maximum possible returns for investors, they do not shy away from leveraging this advantage when negotiating commercial agreements.

While news publishers in many countries come together as a consortium to further their collective interests, the rivalry among news publishers prevents them from presenting a united front to bargain for their collective interests. As a result, in individual negotiations with social media platforms, the revenue share, if they ever get any, is trivial compared to the total money made by social media platforms.

Local news publishers, often very small, suffer disproportionately, to the extent that many have gone bankrupt in the last few years. Those who have survived have become more content-producing vendors. They exist to feed the social media monster, which decides which article will appear in which readers feed to maximize advertising revenues. Journalistic responsibility to provide citizens with the information they need to make important decisions about their lives, communities and governments is seldom a consideration.

नीचे दिए गए गधांश को पढ़िए व प्रश्न का उत्तर दीजिए :

सोशल मीडिया मंच अपने आकार प्रयोक्ताओं के बारे में श्रेष्ठ सूचना के कारण समाचार प्रकाशकों की अपेक्षा अधिक लाभदायक स्थिति में होते हैं । अपने निवेशकों के लिए अधिकतम लाभ उत्पन्न करने की आवश्यकता से चलित, ये मंच वाणिज्यिक करार संबंधी वार्ताओं में इस लाभ का प्रयोग करने में संकोच नहीं करते हैं ।

जबकि अनेक देशों में समाचार प्रकाशक अपने सामूहिक हितों को आगे बढाने के लिए कॉन्सॉर्शियम में एकजुट होते हैं, वही उनके बीच की प्रतिद्वंदिता उन्हें अपने सामूहिक हितों के लिए एकताबद्ध मोर्चा प्रस्तुत करने से रोकती है । परिणाम स्वरुप, सोशल मीडिया मंचों के साथ अलग-अलग वार्ताओं में यदि उन्हें राजस्व में कुछ हिस्सा मिलता भी है, तो वह सोशल मीडिया मंचो द्वारा अर्जित कुल धनराशि की तुलना में नगण्य होता है ।

बहुधा अत्यधिक लघु स्थानीय समाचार प्रकाशकों को इस सीमा तक अनुपातहीन कष्ट उठाना पड़ता है कि विगत कुछ वर्षों में उनमें से कई दिवालिया हो गए हैं । जो बचे रहे हैं वे मात्र अंतर्वस्तु (कंटेंट) रचना करने वाले विक्रेता बनकर रह गए हैं । उनका अस्तित्व सोशल मीडिया दैत्य के भरण के लिए है जो निर्णय करता है कि कौनसा लेख किस पाठक की फीड में जाए ताकि विज्ञापन राजस्व को अधिकतम किया जा सके । नागरिकों को अपने जीवन, समुदायों व सरकारों के संबंध में महत्वपूर्ण निर्णय करने के लिए आवश्यक सूचना प्रदान करने के पत्रकारों का उत्तरदायित्व कदापि एक विचार का विषय नहीं बनता हैं ।

Given below are two statements: One is labelled as Assertion A and the other is labelled as Reason R.

Assertion A: Social media platforms are able to control the type of content that will appear in a reader's feed.

Reason R : They do so because they are quite concerned about individual likes and dislikes of users.

In the light of the above statements, choose the most appropriate answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A.
2. Both A and R are correct but R is not the correct explanation of A.
3. A is correct but R is not correct.
4. A is not correct but R is correct.

(Option 1 [39897]) 1
(Option 2 [39898]) 2
(Option 3 [39899]) 3
(Option 4 [39900]) 4

नीचे दो कथन दिए गए हैः एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : सोशल मीडिया मंच अपने पाठकों की फीड में दिखाई देने वाली अंतर्वस्तु के प्रकार को नियंत्रित करने में समर्थ होते हैं ।

कारण R : वे ऐसा करते हैं क्योंकि वे प्रयोक्ताओं की व्यक्तिगत रुचियों व अरुचियों की काफी चिंता करते हैं ।

उपरोक्त कथन के आलोक में, नीचे दिए गे विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

1. A और R दोनों सही हैं और R, A की सही व्याख्या है ।
2. A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है ।
3. A सही हैं लेकिन R सही नहीं हैं ।
4. A सही नही है लेकिन R सही है ।

(Option 1 [39897]) 1
(Option 2 [39898]) 2
(Option 3 [39899]) 3
(Option 4 [39900]) 4
Answer Given by Candidate : 2