

D. O 18

Q 7B. What will be the output of the following pseudocode?

```
1. Integer a, b, c
2. Set a = 1, b = 2, c = 12
3. for (each c from 3 to 5)
4.     b = 2
5.     if ((b ^ a) < a)
6.         Continue
7.     Else
8.         a = (11 & 1) + b
9.     End if
10. End for
11. Print a + b
```

[Note] When a continue statement is encountered inside a loop, control jumps to the beginning of the loop for next iteration skipping the execution of statements inside the body of the loop for the current iteration.

The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

**Q 86.** Which of the following benefits of the cloud allows any business to shift its focus from IT operations to cost?

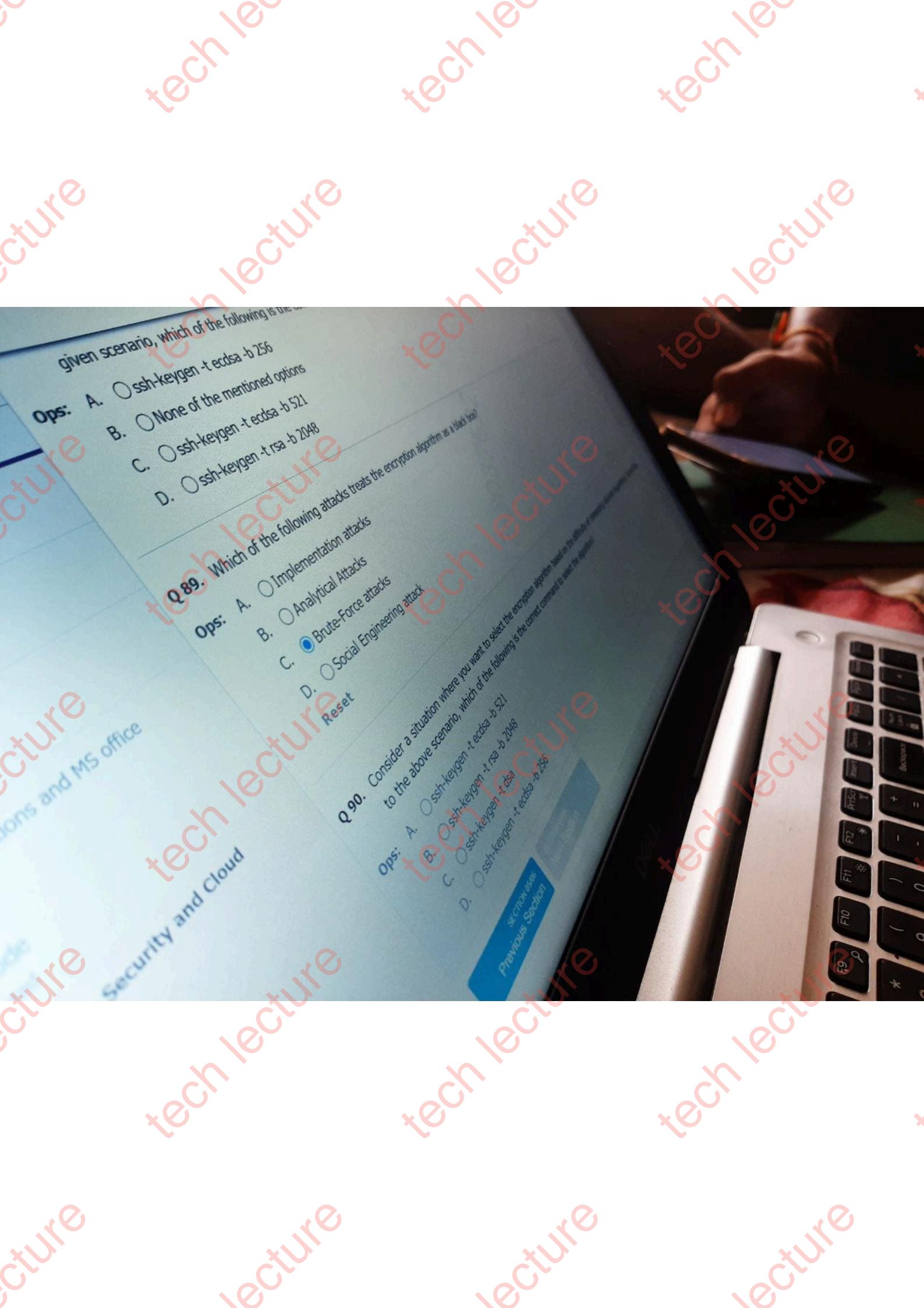
- Ops: A.  Loss Prevention  
B.  Sustainability  
C.  Disaster Recovery and Loss Prevention  
D.  Disaster Recovery

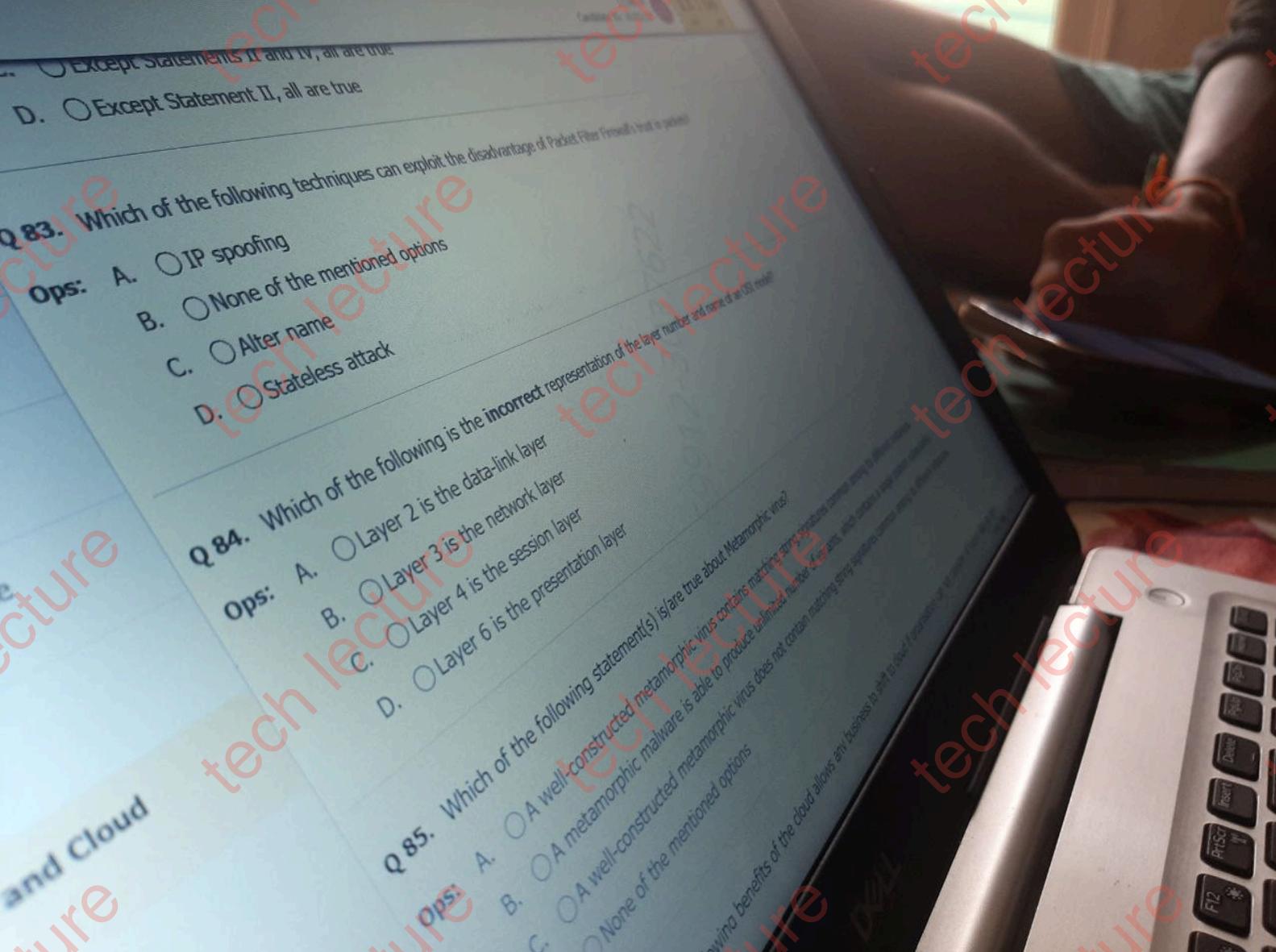
**Q 87.** Which of the following statements is not true about cloud and data center?

- Ops: A.  Data center has the ability of being instantly scalable  
B.  In-house IT professionals are available in case of Data centers  
C.  Cloud's location is virtualized and has remote hardware  
D.  Business pays directly for planning, people, hardware, software, and maintenance in Data centers

**Q 88.** Consider a situation where you want to select an encryption algorithm based on the given scenario, which of the following is the correct command to select the algorithm?

- Ops: A.  ssh-keygen -t ecdsa -b 256  
B.  None of the mentioned options  
C.  ssh-keygen -t ecdsa -b 521  
D.  ssh-keygen -t rsa -b 2048





## Working Security and Cloud

Which of the following option is correct on the basis of below statements?

Statement I: AWS supports storage gateway, which enables a hybrid storage environment, and it can also act as a storage device.

Statement II: AWS provides the service that organizations can use to transfer petabytes of data in minutes via a practical

Ops: A.  Both statements are true and Statement II is the correct explanation of Statement I

B.  Statement I is true and Statement II is false

C.  Both statements are true and Statement II is the incorrect explanation of Statement I

D.  Both statements are false

Q 82: Which of the following options is correct based on the below statements?

Statement I: AWS has three type of load balancer namely, application, network, and classic load balancer.

Statement II: Network load balancer operates at layer 6 in connection level.

Statement III: Application Load Balancer operates at layer 7 in individual request level.

Statement IV: Classic Load Balancer is intended for applications that were built within the EC2 environment.

Ops: A.  All statements are true

B.  Except Statement I, all are false

C.  Except Statements II and IV, all are true

D.  Except Statement II, all are true

and Cloud

ecture

tech lecture

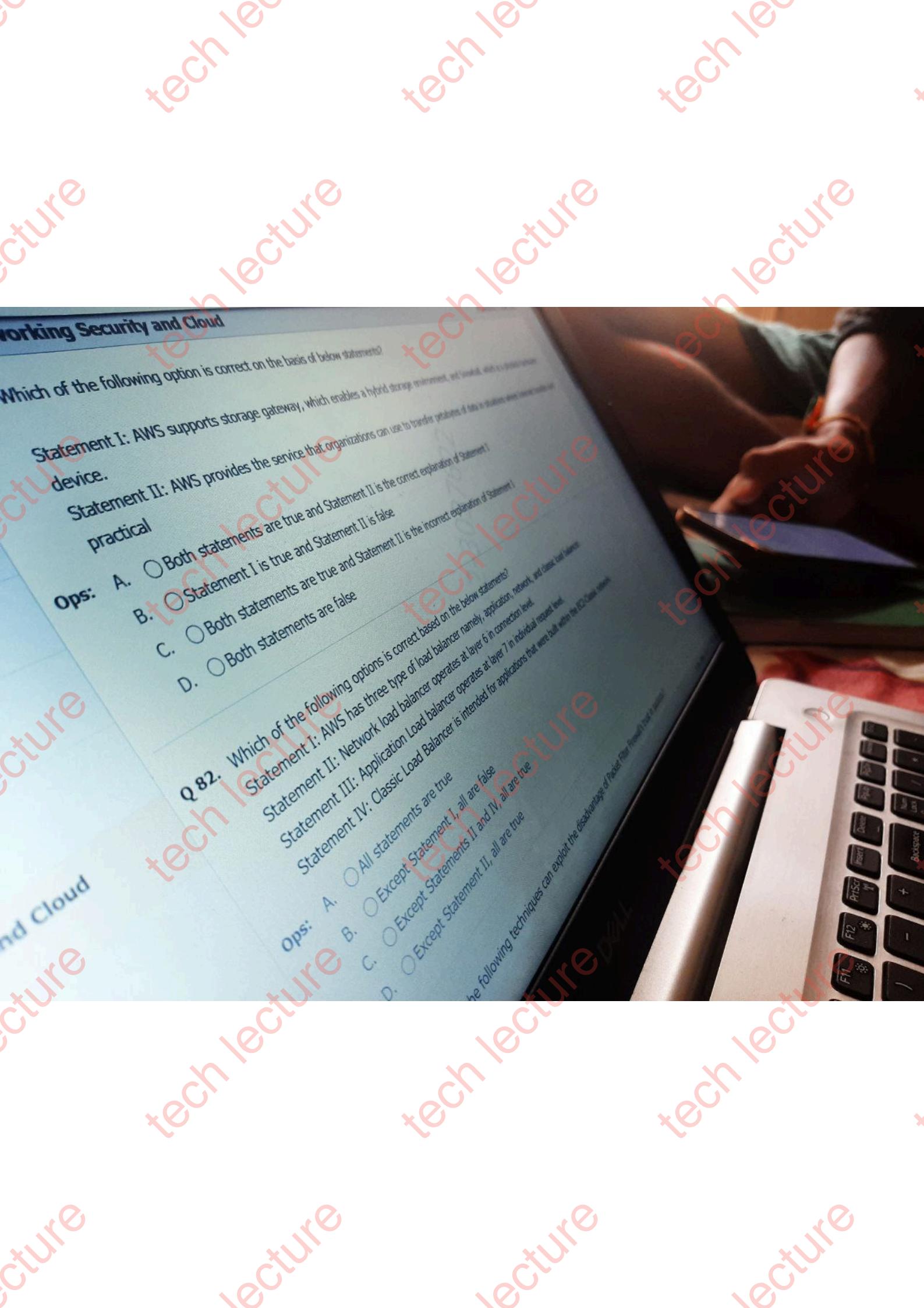
lecture

ecture

lecture

ecture

x



Q 55. An attachment can be inserted into a worksheet by using:

- Ops: A.  Insert > Smart Chart  
B.  Insert > Scatter  
C.  Insert > Object  
D.  Insert > Clipart

Q 56. You are getting unexpected results while entering numeric data in the first column of a spreadsheet. What should you do in order to avoid confusion between text value and numeric value?

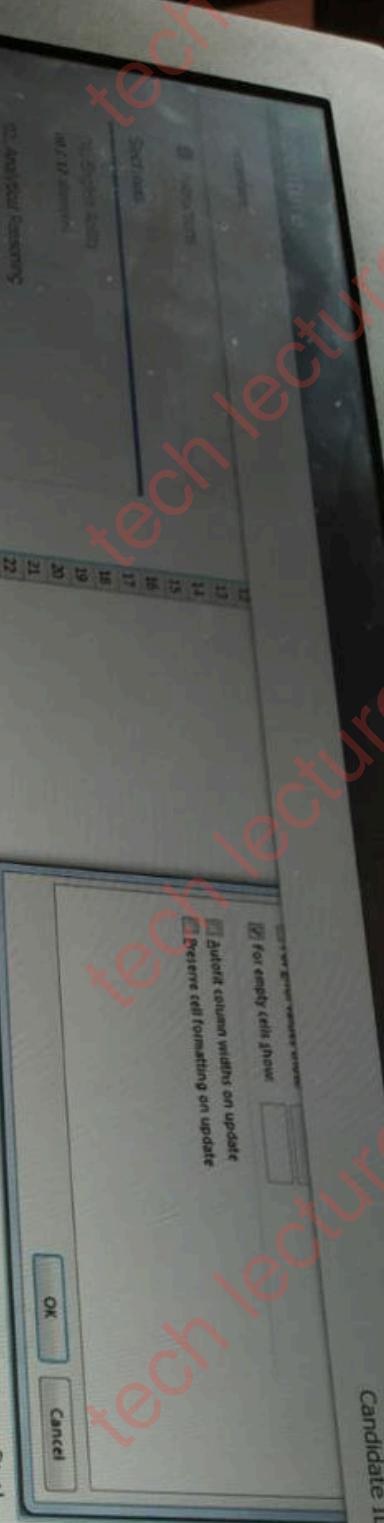
	A	B	C	D
1		Classics	Mystery	Romance
2	2009	\$18,000	\$80,000	\$111,000
3	2010	\$29,000	\$82,000	\$100,000

- Ops: A.  Type a semi-colon before each number, which tells the spreadsheet to format it as text  
B.  Type an alphabet before each number, which tells the spreadsheet to format it as text  
C.  Type a number before each number, which tells the spreadsheet to format it as text  
D.  Type an apostrophe before each number, which tells the spreadsheet to format it as text

Q 57. Hyperlinks in MS-Excel can be used to:

- Ops: A.  start a file transfer, such as downloading  
B.  all of the mentioned options  
 C. link particular text to other docs, pdf, etc.





**Q4. Common Applications and MS Office**

- If this pivot table is refreshed, the columns would get adjusted automatically to best fit the data
- Cell formatting would go away if this pivot table is refreshed
- Cell formatting would be retained if this pivot table is refreshed
- If this pivot table is refreshed, the columns would not get adjusted automatically to best fit the data

Ops: A.  Only II & IV

B.  Only III

C.  Only IV

D.  Only I & III

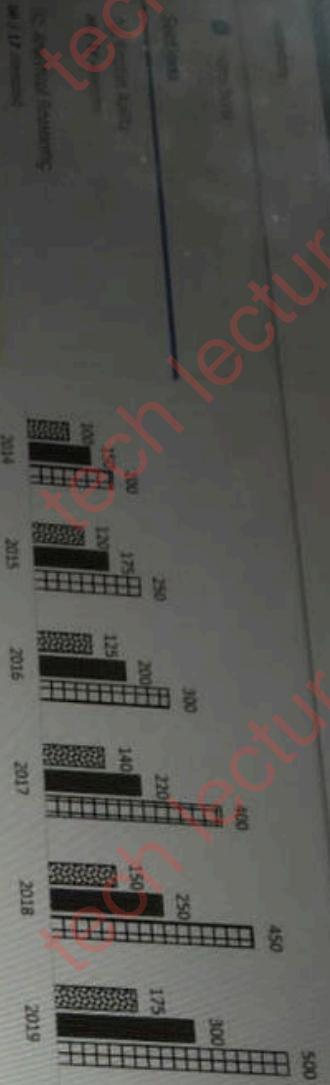
**Q5. Auditing Security and Cloud**

Ans:

- A. No – True Answer  
B. Yes – Correct  
C. No – False Answer  
D. No – False Answer

- Q53. Which of the following applies the current theme formatting to an object and is the default option used when you paste the object directly?
- Ops: A.  Use Destination Theme  
B.  Keep Text Only  
C.  Paste Theme  
D.  Keep Source Formatting

Submit



Q 43. In 2018, what percent of total engineering students were studying in Tier 3 colleges?

- Ops: A.  47.33%  
B.  52.94%  
C.  56.67%  
D.  50.25%

Q 44. What is the percentage growth of total number of engineering students across the different institutions from 2015 to 2019?

- Ops: A.  75.67%  
B.  92.33%  
C.  85.67%  
D.  78.89%

Q 45. If total number of engineering students in 2013 was 20% lower than that in 2014, then find the ratio of total number of engineering

Submit

**Q3. Numerical Ability**

Q35. Two women Megan and Daisy work on a certain job on alternate days. If Megan works on day 1, the work gets completed in 25 days. If both of them work together on the job, then the job will be completed in:

Megan works on Day 1, the job gets completed in 25.25 days.

- Ops:  
A.  10.82 days  
B.  10.45 days  
C.  12.57 days  
D.  11.25 days

**Q36. Numerical Ability**

Q36. Jack and Mark together, Mark and John together can do a work in 45 days and 60 days respectively. If Jack is thrice as efficient as John, then find the number of days taken by Jack and John together to complete the job.

Ops:  
A.  90 days  
B.  60 days  
C.  180 days  
D.  120 days

The graph given below represents the movement of goods by different modes of transportation (in '000s metric tonnes).

Study the graph carefully and answer the questions that follow.  
**Movement of goods by different modes of transportation (in '000s metric tonnes)**

Submit

support

[Note: Rework of the product is completed in one iteration]

Q 27. If A怒isa provides the manufacturer with the design and materials of acceptable quality, then the actual manufacturing starts from which step?

Ops: A.  Inspection Results

B.  Build to requirements

C.  Rework according to the requirements

D.  Is material acceptable?

Design  
Manufacturing  
Quality Control  
Customer Support  
Logistics

Customer Support

Logistics

Quality Control

Manufacturing

Design

Customer Support

Logistics

- C.  00000000000000000000000000000000  
D.  00000000000000000000000000000000

Q 30. Find the missing term in the series given below.

45, 49, 55, 64, 76, ?

- Ops: A.  91  
B.  84  
C.  81  
D.  94

Q 31. The question given below is followed by two statements numbered I and II. Determine if the statements are, individually or together,

sufficient to answer the question.

Question: What is the Cost Price of flour?

Statements:

- I. Kevin mixes flour and sugar in the ratio 3 : 5 to make pretzels. He sells pretzels at \$10 per kg.  
II. The ratio of price of sugar and flour is 9 : 4 (per kg) and he earns  $66\frac{2}{3}\%$  profit.

Ops:

- A.  Statements I and II together are not sufficient to answer the question  
B.  Each statement alone is sufficient to answer the question  
C.  Only one of the statements, alone, is sufficient to answer the question but other statement is not  
D.  Both statements I and II together are sufficient to answer the question but other statement is not  
E.  Neither statement alone is sufficient

Submit

**Q5. Pseudo Code**

Q63. What will be the output of the following pseudocode for  $a = 6$ ,  $b = 6$ ?

```
1. Integer funn(Integer a, Integer b)
2. Integer c
3. Set c = 2
4. a = a + a
5. b = b + b
6. c = c + 2
7. a = a + c
8. return a + b
9. End function funn()
```

Ops: A.  28

B.  47

C.  22

D.  35

Q64. What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a=1, b=7, c=8
3. for(each c from 2 to 6 )
4.     b=2+c

Submit

**Q15** If total number of engineering students in 2013 was 20% lower than that in 2014, then find the ratio of total number of engineering students in 2013 to that in 2016?

Obs. A.  34:125  
 B.  67:1111  
C.  70:129  
D.  72:125

**Q 46.** Elizabeth gained 20% by selling a novel at \$120. Find the price at which she purchased the novel.

Ops: A. ○ \$140  
B. ○ \$100  
C. ○ \$120  
D. ○ \$155

**Q 47.** Angela won some amount of money in a competition. She spends \$120 and gives 60% of the rest of \$80 and gives half of the remaining amount to Pamela. After spending half of it, Pamela is left with much did Pamela spend?

Ops: A. ○ \$68

7. Angela won \$  
\$80 and gives  
much did Pam

A. ○ \$68  
B. ○ 64  
C. ○ \$275  
D. ○ \$125

48. The average age of a family of 7 members is 25 years. Find the sum of the ages of all members.

B.  \$64  
C.  \$275  
D.  \$125

Study the graph carefully and answer the questions that follow.

**Movement of goods by different modes of transportation (in '000s metric tonnes)**



Q 37. What is the ratio of the movement of goods by Rail and Air?

Ops: A.  15 : 32

B.  32 : 15

C.  3 : 5

D.  8 : 3

Q 38. By what percentage is the movement of goods by Road is more than the movement of goods by Air?

Ops: A.  0.25

B.  0.4

C.  0.6

D.  0.32

Submit

Q67. What will be the output of the following pseudocode?

```
1. Integer a, b, c
2. Set a=9, b=4, c=7
3. for(each c from 3 to 4)
   b=(3+8)+c
4. if((b+4)<(4-b))
5.   Continue
6.
7. Else
8.   Jump out of the loop
9. End if
10. a=8+c
11. End for
12. Print a+b
```

Note- Continue: When a continue statement is encountered inside a loop, control jumps to the beginning of the loop for next iteration, skipping the execution of statements inside the body of the loop for the current iteration.

Ops:

- A.  22
- B.  26
- C.  23
- D.  33

Submit

Q68. What will be the output of the following pseudocode?

- 1. Integer a, b, c

Q78. What will be the output of the following pseudocode?

```
1. Integer a, b, c
2. Set a = 4, b = 11, c = 10
3. c = (7 ^ 12) & a
4. for (each c from 3 to 6)
5.   a = (7 + 7) + a
6.   a = (11 + 1) ^ a
7. End for
8. Print a + b
```

[Note: The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

The bitwise exclusive OR operator (^) compares each bit of its first operand to the corresponding bit of its second operand. If one bit and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.]

Ops:

- A.  76
- B.  71
- C.  86
- D.  64

Q79. What will be the output of the following pseudocode?

Submit

Q59. Which of the following options checks all your hardware connections and locates all your devices, even before the OS loading?

- A.  Microprocessor

- B.  BIOS

- C.  Device Driver

- D.  None of the mentioned options

Q60. Which of the following operations related to linking an object/text can be performed in a PowerPoint presentation?

1. The object/text can be linked to a webpage
2. The object/text can be linked to a place in a document
3. The object/text can be linked to a new document

Choose the correct answer from the options given below.

Ops:

- A.  Only 1 and 3
- B.  Only 1 and 2
- C.  All 1, 2, and 3
- D.  Only 2 and 3

Q61. Which of the following statement(s) is/are true for macros?

1. It is a sequence of commands
2. It can contain viruses
3. Macro name can only have underscore as special character

Choose the correct answer from the options given below.

Submit

D.  35

Q64. What will be the output of the following pseudocode?

1. Integer a,b,c
2. Set a=1, b=7, c=8
3. for(each c from 2 to 5 )  
    4.     b=2+c
5.     a=(3+5)+a
6. End for
7. for(each c from 4 to 5 )
8.     b=c+c
9.     b=(b+a)+c
10. End for
11. Print a+b

Ops: A.  97

B.  104

C.  109

D.  80

Q65. What will be the output of the following pseudo code?

1. Integer a,b,c
2. Set a=4, b=2, c=9
3. if((c&a&b)<(4-b↑c))  
    4.     b=a+c

Submit

Q 73. What will be the output of the following pseudocode for  $a=1$ ,  $b=8$ ,  $c=10^3$

```

1.  function funn(Integer "a", Integer "b", Integer "c")
2.    for(each c from 4 to 7 )
3.      b=c+c
4.      if((a+b)<(c-a))
5.        Continue
6.      else
7.        b=3^c
8.        c=b+a
9.      end if
10.   end for
11.
12.   return a+b

```

Note: Continue: When a continue statement is encountered inside a loop, control jumps to the beginning of the loop for next iteration, skipping the execution of statements inside the body of the loop for the current iteration.

$\wedge$  is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one is 0 and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

Ops:

A.  11

B.  05

C.  16

D.  08

Submit

Q 74. What will be the output of the following pseudocode for  $a=4$ ,  $b=5$ ,  $c=4$ ?

Q77. What will be the output of the following Pseudo code?

```
1. Integer a,b,c
2. Set a=5, b=7, c=10
3. c=(a+b)+a
4. if((b&c&a)<('5+a-b))
   b=(7^7)+a
5.
6. End if
7. Print a+b+c
```

(a) Common Applications and Metrics

0/12 attempted

Q78. What will be the output of the following Pseudocode?

Submit

Note: &: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.  
^ is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one is 0 and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

Ops:

- A.  33
- B.  27
- C.  43
- D.  31

Q78. What will be the output of the following pseudocode?

1. Integer a, b, c  
 $c = a \wedge b \wedge \neg a$

Q75. What will be the output of the following pseudo code?

```

1. Integer p,q,r
2. Set p=5, q=6, r=5
3. if((7&r) < (p^7))
   if((7^7) < r)
      q = (q+4)+r
5.   q = (q+4)+r
6. End if
7. r = 12 ^ p
8. Else
9.   if((p^q^r) < (q&r&p))
10.    q = q+p
11.    r = (p+12)^r
12. End if
13. End if
14. Print p+q+r

```

Section  
04: Logical Operators  
01 / 12 completed

Section  
02: Application Examples  
01 / 11 completed

Section  
03: Numerical Ability  
01 / 12 completed

Section  
04: Logical Applications and Pseudocode  
01 / 12 completed

Section  
05: Pseudo Code  
01 / 12 completed

Section  
06: Networking Security and Cloud  
01 / 12 completed

Note- &:- bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

$\wedge$  is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one is 0 and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

Ops: A. ○ 19

B. ○ 28

C. ○ 11

D. ○ 16

Submit

Q 48. The average age of a family of 7 members is 25 years. Find the sum of the ages of all members.

- Ops: A.  175  
B.  250  
C.  210  
D.  125

ANSWER

Q 49. Martha and Sarah leave block p and q towards q and p respectively simultaneously and travel in the same route. After meeting each other on the way, Sarah takes 3 hours to reach her destination, while Martha takes 5 hours to reach her destination. If the speed of Sarah is 40 km/hr, what is the average speed of Martha and Sarah?

- Ops: A.  35.1 km/hr  
B.  24.8 km/hr  
C.  24.92 km/hr  
D.  34.92 km/hr

ANSWER

Q 50. Length of the hypotenuse of a right angled triangle is 40% of its perimeter. If the perimeter of the triangle is 65 cm, then find the length

- Ops: A.  26 cm  
B.  28 cm  
C.  32 cm  
D.  23 cm

ANSWER

Submit

SECTION 04/05  
Previous Section  
Next Section

- Q34. In the following question, the symbols @, %, #, !, and - are used with the following meanings illustrated.

(A)  $M @ N$  means 'M is not greater than N'.

$M \% N$  means 'M is neither greater than nor equal to N'.

$M \# N$  means 'M is not smaller than N'.

$M ! N$  means 'M is neither smaller than nor equal to N'.

$M - N$  means 'M is neither smaller than nor greater than N'.

Now assuming in the following question the given statements to be true, find which of the conclusions given below them is/are definitely true and give your answer accordingly.

**Statements:**

I.  $C \% G$

II.  $G - Y$

III.  $Y \# I$

**Conclusions:**

I.  $Y ! C$

II.  $I \% G$

III.  $I - G$

Ops: A.  Only conclusion I follows

B.  Only conclusion I, and either conclusion II or conclusion III follow

C.  Only conclusion II follows

D.  Only either conclusion II or conclusion III follow

Submit

Q79. What will be the output of the following pseudocode?

0. Solution  
1. Set  $a = 4$ ,  $b = 8$ ,  $c = 11$   
2. If  $c > a$   
3.     for (each  $c$  from 2 to 4)  
4.          $a = b + b$   
5.         if  $((b \wedge c) < c)$   
6.             Continue  
7.         ELSE  
8.              $a = a$   
9.              $b = c$   
10.      End if  
11. End for  
12. Print  $a + b$

[Note: When a continue statement is encountered inside a loop, control jumps to the beginning of the loop for next iteration, skipping execution of statements inside the body of the loop for the current iteration.

The bitwise exclusive OR operator ( $\wedge$ ) compares each bit of its first operand to the corresponding bit of its second operand. If one bit and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.]

Ops:

A. ○3

B. ○18

C. ○14

D. ○8

Submit

D.  8 : 3

Q 38. By what percentage is the movement of goods by Road is more than the movement of goods by Air?

- Ops: A.  0.25  
B.  0.4  
C.  0.6  
D.  0.32

Q 39. **Reasoning**

Q 40. **Numerical Ability**

Q 39. Oscar is twelve years older than Jack. If the present age of Jack is 9 years, then find the present age of Oscar.

- Ops: A.  17 years  
B.  18 years  
C.  21 years  
D.  14 years

Q 40. The ratio of the scores of Audrey and Katie in a test are in the ratio 11 : 7. If their total score is 162, then find Katie's score.

- Ops: A.  63  
B.  72  
C.  99  
D.  84

Submit

Q 41. If a number  $(5m/12)$  is an integer, then which of the following can be the value of m?

Submit

Q66. What will be the output of the following pseudo code?

```
1. Integer p,q,r
2. Set p=3, q=5, r=5
3. q=(r^11)^p
4. q=q^q
5. q=(11&3)&p
6. if((r-p-q)<(7-r))
7.     r=p+r
8. End if
9. Print p+q+r
```

Q65. Pseudo Code

0/18

Note- &: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

$\wedge$  is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one is 0 and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

Ops:

- A.  23
- B.  10
- C.  25
- D.  35

Q67. What will be the output of the following pseudocode?

Submit

**04. Common Applications and MS office****Sessions**

Q.51 In which of these situations should you use the language bar?

- I. You want to switch between languages with a Latin alphabet, such as English, Spanish, or French, and a language with a non-Latin alphabet, such as Arabic or Chinese.
- II. You want to switch between languages with a non-Latin alphabet, such as Greek or Russian.
- III. You prefer to use native keyboard layouts but you type in different languages that have Latin alphabets.

Choose the correct answer from the options given below.

Ops:

- A.  Only I & II
- B.  Only I & III
- C.  Only II & III
- D.  All I, II & III

Q.52. For the shown settings in the pivot table, which of the following would hold true?

Region	Sum of Sales
East	40304
North	30000
South	12350
West	23744
Grand Total	105998

Q.41. If a number  $(5m/12)$  is an integer, then which of the following can be the value of m?

- Ops:  
A.  30  
B.  12  
C.  28  
D.  36

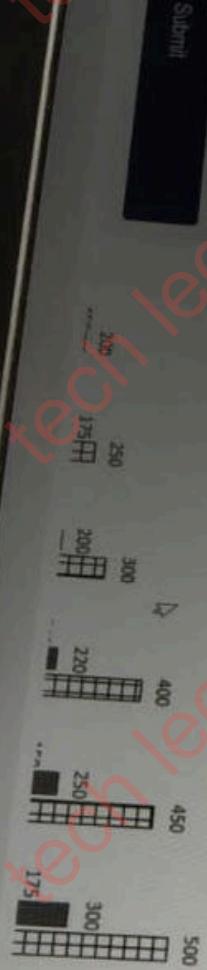
Q.42. Numerical Ability

Q.42. Daniel owns a shop of video players. He purchased a video player for \$1200, and marked the price of the video player in such a way that by offering a discount of 20%, he would earn a profit of 10%. Find the marked price of the video player.

- Ops:  
A.  \$1425  
B.  \$1650  
C.  \$1550  
D.  \$1575

The graph given below represents number of engineering students (in thousands) at institutions of different kinds for the years 2014 to 2019.

Study the graph carefully and answer the questions that follow.  
Number of Engineering Students (in '000s) in a city



Q6. What will be the output of the following pseudocode for  $a = 7$ ,  $b = 5$ ?

1. Integer funn(Integer a, Integer b)

2.     Integer c  
3.     for (each c from 2 to 4 )

4.         if(a < b)

5.             a = 1

6.             b = a

7.         Else

8.             if(a > b)

9.             a = b

10.          Else

11.             a = a + 1

12.          End if

13.          End if

14.          b = b + 1

15.      End for

16.      return a + b

17. End function funn()

Submit

Ops:  
A.  10  
B.  13  
C.  23

Q.69. What will be the output of the following pseudocode for  $a = 7$ ,  $b = 5$ ?

```
1. Integer funn(Integer a, Integer b)
2.   Integer c
3.   for (each c from 2 to 4 )
4.     if(a < b)
5.       a = 1
6.       b = a
7.     Else
8.       if(a > b)
9.         a = b
10.    Else
11.      a = a + 1
12.    End if
13.  End if
14.  b = b + 11
15. End for
16. return a + b
17. End function funn()
```

Ops:

A.  10

B.  13

C.  23

D.  14

Q.70. What will be the output of the following pseudocode for  $a=3$ ,  $b=2$ ?

Submit

Q71. What will be the output of the following pseudocode?

1. Integer p, q, r
2. set p = 3, q = 7, r = 9
3. p = (1 + 4) + r
4. p = (p + 3) & q
5. p = (q & 3) + q
6. print p + q + r

Q72. What will be the output of the following pseudocode?

[Note: &: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.]

Ops: A. ○ 27

- A. ○ 25
- B. ○ 26
- C. ○ 26
- D. ○ 34

Q72. What will be the output of the following pseudocode for a=3, b=5, c=5?

- 1.
2. Integer funn(Integer a, Integer b, Integer c)
3. for(each c from 3 to 6 )  
b=(c+5)&a
- 4.
5. if((b+a)<(c+b))  
    Jump out of the loop
- 6.
7. End

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D.  34

Q72. What will be the output of the following pseudocode for a=3, b=5, c=5?

```
1. Integer fum(Integer a, Integer b, Integer c)
2.   for(each c from 3 to 6 )
3.     b=(c+5)&a
4.     if((b+a)<(c+b))
5.       jump out of the loop
6.     Else
7.       c=c+a
8.   End if
9. End for
10.
11. return a+b
```

Note- &: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

Ops:

- A.  9
- B.  1
- C.  3
- D.  12

Q73. What will be the output of the following pseudocode for a=1, b=8, c=10?

Submit

Q 80. What will be the output of the following pseudocode?

```
1. Integer a, b, c
2. Set a = 1, b = 2, c = 12
3. for (each c from 3 to 5)
4.   b = 2
5.   if ((b ^ a) < a)
6.     Continue
7.   Else
8.     a = (11 & 1) + b
9.   End if
10.  End for
11.  Print a + b
```

Q 81. What is the output of the following program?

05. Pseudocode

09 / 18 attempted

05. Pseudocode

09 / 18 attempted

[Note: When a continue statement is encountered inside a loop, control jumps to the beginning of the loop for the next iteration, skipping execution of statements inside the body of the loop for the current iteration.]

The bitwise AND operator (**&**) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1 the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

The bitwise exclusive OR operator (**^**) compares each bit of its first operand to the corresponding bit of its second operand. If one bit and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.]

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- Ops:  
A.  $\textcircled{1}$   
B.  $\textcircled{4}$   
C.  $\textcircled{5}$



- Q 61. Which of the following statement(s) is/are true for macros?
1. It is a sequence of commands
  2. It can contain viruses
  3. Macro name can only have underscore as special character
- Choose the correct answer from the options given below.
- Ops:
- A.  Only 1 & 3
  - B.  Only 2 & 3
  - C.  All 1, 2 & 3
  - D.  Only 1 & 2

Q 62. Determine the statements that are correct in a scenario wherein you open an older office document in the latest version of MS Word.

- Ops:
- A.  If you want to preserve the original document, make a backup copy of it before beginning the procedure
  - B.  All of the mentioned options
  - C.  Microsoft Office opens documents created in older versions of Microsoft Office in "Compatibility Mode"
  - D.  The procedure for converting an old Word document into the new format, replaces the original document

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### 05. Pseudo Code

Q 63. What will be the output of the following pseudocode for  $a = 5, b = 17$ ?

```
1. Integer funn(Integer a, Integer b)
2.   if((b + a || a - b) && (b>a) && 1)
3.     a = a + b + b - 2
4.   return 3 - a
5. Else
6.   return a - b + 1
7. End if
8. return a + b
9. End Function funn()
```

[Note- &&: Logical AND - The logical AND operator (&&) returns the Boolean value true(or 1) if both operands are true and return false (or 0) otherwise.

||: Logical OR - The logical OR operator (||) returns the boolean value TRUE(or 1) if either or both operands is TRUE and returns FALSE(or 0) otherwise.

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Q 64. What will be the output of the following pseudocode for  $a = 5, b = 3$ ?

```
1. Integer funn(Integer a, Integer b)
2.   if((b mod a > a mod b) || (a^b>a))
3.     a = a ^ b
4.     if(a)
5.       b = 1
6.       return 4 ^ 5 ^ 6
7.     End if
8.     return 1 ^ 2 ^ 3
9.   End if
10.  return a + b
11. End Function funn()
```

[Note: mod finds the remainder after the division of one number by another. For example, the expression "5 mod 2" would evaluate to 1 because 5 divided by 2 leaves a quotient of 2 and a remainder of 1.]

$\wedge$  is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand.

Q 65. What will be the output of the following pseudocode?

1. Integer a, b
2. Set a = 3, b = 3
3. a = a + a
4. b = b + b
5. if( $0 > 1$ )
6.     a = 0
7. Else
8.     b = -11
9. End if
10. Print 11 + a + b + 12

Ops: A.  6  
B.  29  
C.  19  
D.  18

Q 66. What will be the output of the following pseudocode?

Submit

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Q 67. What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 4, b = 9, c = 9
3. if (b & (c >> 1))
4.     a = a + 1
5. End if
6. Print a + b + c

[Note- >> - Bitwise right shift operator, it takes two numbers, right shifts the bits of the first operand, the second operand decides the number of places to shift.

&: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

If(x) gets executed if the value inside if(), i.e., x is not zero]

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Ops: A. 22

Q 68. What will be the output of the following pseudocode?

```
1. Integer a, b, c
2. Set a = 1, b = 2
3. for (each c from 4 to 6)
4.     a = a ^ b
5.     if(c - a < b + a)
6.         b = 2
7.         a = 1
8.         Jump out of the loop
9.     End if
10.    a = a ^ c
11. End for
12. Print a + b
```

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- C.  19  
D.  18

Q 66. What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 1, b = 0, c = 3
3. if (a & 1)
4.     a = (a & b) & (a ^ b)
5.     b = (a & b) ^ (a ^ b)
6. End if
7. Print a + b + c

[Note-8: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.]

$\wedge$  is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 0 and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

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- Q 61. Which of the following statement(s) is/are true for macros?
1. It is a sequence of commands
  2. It can contain viruses
  3. Macro name can only have underscore as special character
- Choose the correct answer from the options given below.
- Ops:
- A.  Only 1 & 3
  - B.  Only 2 & 3
  - C.  All 1, 2 & 3
  - D.  Only 1 & 2

Q 62. Determine the statements that are correct in a scenario wherein you open an older office document in the latest version of MS Word.

- Ops:
- A.  If you want to preserve the original document, make a backup copy of it before beginning the procedure
  - B.  All of the mentioned options
  - C.  Microsoft Office opens documents created in older versions of Microsoft Office in "Compatibility Mode"
  - D.  The procedure for converting an old Word document into the new format, replaces the original document

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**Q 32.** Find the missing term in the series given below.

98, 97, 94, 90, ?

- Ops: A.  81  
B.  78  
C.  80  
D.  85

**Q 33.** The statements given below are followed by some conclusions. Assume the statements are true, even if they contradict known facts, and determine the conclusion/s that follow/s from the statements logically.

**Statements:**

- I. Some boys are humans.
- II. Some humans are trees.
- III. All trees are plants.

**Conclusions:**

- I. Some plants are humans.
- II. Some plants are boys.

- Ops: A.  Only conclusion I follows  
B.  Only conclusion II follows

What is the output of the following program in C++ ?

```
1 # include<iostream.h>
2 void main(void)
3 {
4     int i = 3;
5     int j = i<<2;
6     int x = i * j;
7     cout<<i<<" * "<<j<<" = "<<x;
8 }
```

### 05. Pseudo Code

Q 63. What will be the output of the following pseudocode for  $a = 5, b = 17$ ?

```
1. Integer funn(Integer a, Integer b)
2.   if((b + a || a - b) && (b>a) && 1)
3.     a = a + b + b - 2
4.   return 3 - a
5. Else
6.   return a - b + 1
7. End if
8. return a + b
9. End Function funn()
```

[Note- &&: Logical AND - The logical AND operator (&&) returns the Boolean value true(or 1) if both operands are true and return false (or 0) otherwise.

||: Logical OR - The logical OR operator (||) returns the boolean value TRUE(or 1) if either or both operands is TRUE and returns FALSE(or 0) otherwise.

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Q 64. What will be the output of the following pseudocode for  $a = 5, b = 3$ ?

```
1. Integer funn(Integer a, Integer b)
2.   if((b mod a > a mod b) || (a^b>a))
3.     a = a ^ b
4.     if(a)
5.       b = 1
6.       return 4 ^ 5 ^ 6
7.     End if
8.     return 1 ^ 2 ^ 3
9.   End if
10.  return a + b
11. End Function funn()
```

[Note: mod finds the remainder after the division of one number by another. For example, the expression "5 mod 2" would evaluate to 1 because 5 divided by 2 leaves a quotient of 2 and a remainder of 1.

$\wedge$  is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second

Q 65. What will be the output of the following pseudocode?

1. Integer a, b
2. Set a = 3, b = 3
3. a = a + a
4. b = b + b
5. if( $0 > 1$ )
6.     a = 0
7. Else
8.     b = -11
9. End if
10. Print 11 + a + b + 12

Ops: A.  6  
B.  29  
C.  19  
D.  18

Q 66. What will be the output of the following pseudocode?

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Q 67. What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 4, b = 9, c = 9
3. if (b & (c >> 1))
4.     a = a + 1
5. End if
6. Print a + b + c

[Note- >> - Bitwise right shift operator, it takes two numbers, right shifts the bits of the first operand, the second operand decides the number of places to shift.

&: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

If(x) gets executed if the value inside if(), i.e., x is not zero]

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Ops: A. 22

Q 68. What will be the output of the following pseudocode?

```
1. Integer a, b, c
2. Set a = 1, b = 2
3. for (each c from 4 to 6)
4.     a = a ^ b
5.     if(c - a < b + a)
6.         b = 2
7.         a = 1
8.         Jump out of the loop
9.     End if
10.    a = a ^ c
11. End for
12. Print a + b
```

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- C.  19  
D.  18

Q 66. What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 1, b = 0, c = 3
3. if (a & 1)
4.     a = (a & b) & (a ^ b)
5.     b = (a & b) ^ (a ^ b)
6. End if
7. Print a + b + c

[Note-8: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.]

$\wedge$  is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 0 and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

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Q66. What will be the output of the following pseudocode for  $a = 99$ ,  $b = 22$ ?

01 : 27 : 31

- A.  4
- B.  9
- C.  16
- D.  20

Q66. What will be the output of the following pseudocode for  $a = 99$ ,  $b = 22$ ?

```
1. Integer funn(Integer a, Integer b)
2. Integer s
3. Set s = 2
4. a = a + s
5. b = b + a
6. a = 0
7. if(a)
8.     return a
9. Else
10.    a = a + s
11.    b = b + a
12. End if
13. return a
14. End function funn()
```

ops:

- A.  6
- B.  8
- C.  3

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D.  02  
C.  03  
B.  08  
A.  06

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Q 67. What will be the output of the following pseudocode for  $a = 2, b = 5$ ?

```
1. Integer funn(Integer a, Integer b)
2.   if(a + a - b > 0)
3.     b = 2
4.   End if
5.   if(b + b - a > 0)
6.     a = 0
7.   End if
8.   return a + b
9. End function funn()
```

Ops:  
A.  05  
B.  08  
C.  15  
D.  00

Q 68. What will be the output of the following pseudocode for  $a = 0, b = 0$ ?

1.

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Q73.

What will be the output of the following pseudocode?

1. Integer a, b
2. Set b = 8
3. Set a = b
4. Print a //line 4
5. a = a + b - 10
6. if(a > 0)
7. Goto line 4
8. End if

Ops:

- A.  8642
- B.  6420
- C.  842
- D.  8880

What will be the output of the following pseudocode?

Q74.

1. Integer a, b
2. Set a = 20, b = 4
3. While(a >= b)
  - a = a >> 1
- 4.
5. End while
6. Print a

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Q 71.

What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 2, b = 1
3. for (each c from 2 to 4)
4.     a = b + 1
5.     b = b + a
6.     if(c + 1 > 2)  
7.         Jump out of the loop
8.     End if
9.     a = a + 1
10. End for
11. Print a + b

Ops:

A. ○ 16

B. ○ 3

C. ○ 5

D. ○ 10

Q 72.

What will be the output of the following pseudocode?  
Set num1=5, num2=7, num3=6

1. Integer result

1. Integer a, b, c
2. Set a = 2, b = 4, c = 2
3. b = a + 1
4. a = c + 1
5. c = b + 1
6. if(a > 2)  
    if(b > 2)
7.     if(c > 2)
8.         a = b + 2
9.     End if
10.    b = c + 2
11.    if(c > 5)
12.         a = b + 2
13.    End if
14. End if
15. Print a + b + c

[Note: If(x) gets executed if the value inside if(), i.e., x is not zero]

ops:

- A.  26
- B.  22
- C.  13
- D.  18

Q 74.

What will be the output of the following pseudocode?

1. Integer a, b
2. Set a = 20, b = 4
3. while(a >= b)
4.     a = a >> 1
5. end while
6. Print a

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[Note: >> - Bitwise right shift operator, it takes two numbers, right shifts the bits of the first operand, the second number indicates the number of places to shift]

Ops:

A.  2

B.  20

C.  1

D.  5

Q 75. What will be the output of the following pseudocode for a = 10, b = 10?

1. Integer funn(Integer a, Integer b)
2.     if(b > 8&& a > 0)  
3.         return 13 + funn(0, 0)
3.     End if
4.     return a - b
5. End function funn()
6. End

Q77.

What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 3, b = 1, c = 3
3. if (a & b & c)  
    a = a & b & c
4. End if
5. if (a ^ b ^ c)  
    a = a ^ b ^ c
6. End if
7. Print a - b + c
8. End if
9. Print a - b + c

Code

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[Note- &: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.]

$\wedge$  is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0 and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

If(x) gets executed if the value inside if(), i.e., x is not zero)

Ops:  
A.  9  
B.  10  
C.  5  
D.  14

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Q 75.

What will be the output of the following pseudocode?

1. Integer funn(Integer a, Integer b)
2. if(b > 0 && a > 0)
3.     return 13 + funn(0, 0)
4. End if
5. return a - b
6. End function funn()

[Note: &&: Logical AND - The logical AND operator (&&) returns the Boolean value true || both operations are true]

If(x) gets executed if the value inside if(), i.e., x is not zero

ops:

- A.  11
- B.  13
- C.  0
- D.  14

Q 76. What will be the output of the following pseudocode?

1. Integer a, b, c

1. Set a = 1, b = 0, c = 3
2. if (a > 2)
- 2.

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- C. ○ 2
- D. ○ 13

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Q 37. Veronica bought a second hand bluetooth for \$275 and sold it for \$300. Find her profit percentage.

- Ops:
- A. ○ 4%
  - B. ○ 12%
  - C. ○ 8%
  - D. ○ 6%

Q 38. In his university examination, John scored 75% in English and 84% in Mathematics. What is the percentage in Political Science if he aims at getting 75% overall?

(It is known that the maximum marks for the English and Mathematics examinations are 100)

Ops:

- A. ○ 83.8%
- B. ○ 61.5%
- C. ○ 46%
- D. ○ 33.3%

Q 39. Four times of a number 'm' is 8 more than it. Find the value of m.

Ops:

- A. ○ 3
- B. ○ 4
- C. ○ 5

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D. O EVANUDH

Q 21.

The question given below is followed by two statements I and II. Determine if

**Question:** What is the C.P. of each watch? (Assume that the two

**Statements:**

- I. One watch is sold at a loss of 25% and the other is sold for \$260 more than the first.

II. The net loss in the transaction is 19%.

Ops:

- A.  Statements I and II together are not sufficient to answer the question.
- B.  Each statement alone is sufficient to answer the question.
- C.  Both statements I and II together are sufficient to answer the question.
- D.  Only one of the statements, alone, is sufficient to answer the question but neither statement alone is sufficient.

Q 22.

The statements given below are followed by some conclusions. Assume the facts, and determine the conclusion(s) that follow(s) from the statements together.

**Statements:**

- I. Some flashlights are springs.
- II. Some tables are flashlights.
- III. All tables are flashlights.

**Conclusions:**

- I. Some springs are flashlights.

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- C.  =A2#@"#B2  
D.  =A2\$@"\$B2

Q 58. While working in MS Word 2016, if the requirement is to align a paragraph with both the left and right

Ops: A.



B.



C.

D.



Applications and MS office

Security and Cloud

Reasoning ability

Q 59. The zoom range in MS-Excel is:

- Ops: A.  100% to 200%  
B.  10% to 400%  
C.  100% to 400%  
D.  10% to 200%

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**Q 60.** Which of these changes will be tracked?

Ops:

- A.  It will cover any deletion change
- B.  It will cover any additional change
- C.  It will cover any formatting change
- D.  All of the mentioned options

**Q 61.** Which of the following operations related to linking an object/text can be performed in a PowerPoint presentation?

- 1. The object/text can be linked to a webpage
- 2. The object/text can be linked to a place in a document
- 3. The object/text can be linked to a new document

Choose the correct answer from the options given below.

Ops: A.  Only 2 and 3

B.  Only 1 and 3

C.  Only 1 and 2

D.  All 1, 2, and 3

**Q 62.** Which of the following can be used to quickly and easily fill a paragraph, a page or an entire document with text?

Ops:

A.  random()

B.  fill()

C.  None of the mentioned options

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- Y
- C.  It will cover any formatting changes
- D.  All of the mentioned options

Q 61.

Which of the following

1. The object/~~text~~ can be linked to a webpage
2. The object/~~text~~ can be linked to a place in a document
3. The object/text ~~can~~ be linked to a new document

Choose the correct answer from the options given below.

Ops:

- A.  Only 2 and 3
- B.  Only 1 and 3
- C.  Only 1 and 2
- D.  All 1, 2, and 3

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Q 62.

Which of the following can be used to quickly and easily fill a paragraph, a page or an entire document in a presentation?

Ops:

- A.  random()
- B.  fill()
- C.  None of the mentioned options
- D.  rand()

Submit

SECTION 03/06

Previous Section

SECTION 05/10

Next Section

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Q 64.

What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 10, b = 1, c = 2
3. if ((b&c) && a&b && a<<1)
4.     c = c ^ a
5.     a = 0
6. Else
7.     c = 0
8.     a = 2
9. End if
10. Print a + b + c

Security and Cloud

[Note- << is left shift operator, it takes two numbers, left shifts the bits of the first operand, the places to shift.

&&: Logical AND - The logical AND operator (&&) returns the Boolean value true(1) if both operands are true and false(0) otherwise.

&: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand.

&: bitwise AND - The bitwise AND operator (&) compares each bit of its first operand to the corresponding bit of its second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

^: bitwise XOR - The bitwise XOR operator that compares each bit of its first operand to the corresponding bit of its second operand. If ^ is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

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What will be the output of the following pseudocode?

```
1. Integer a, b, c
2. Set a = 1, b = 3
3. for (each c from 6 to 8)
4.     if( 0 || 1 )
5.         a = a + b
6.     Else
7.         a = a + c
8.     if(1)
9.         a = a - 2
10.    End if
11. End if
12. End for
13. Print b + a
```

[Note: ||: Logical OR - The logical OR operator (||) returns the boolean value TRUE(or 1) if either or both of the two values are TRUE; otherwise FALSE(or 0) otherwise]

If(x) gets executed if the value inside iff(), i.e., x is not zero]

- Ops:
- A.  1
  - B.  7
  - C.  4
  - D.  13

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Reasoning  
Opted

Mathematical Ability  
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Applications and MS office  
Opted

Code  
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Cloud Security and Cloud  
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Code  
Opted



**Q 41.** The sales of Maruti Alto in 2005 was how much percent higher than the sales of Maruti Swift in 2005?

- Ops: A.  20%  
B.  32%  
C.  36%  
D.  28%

**Q 42.** During the period 2000-2005, the rate of increase in sales was minimum for which of the following models?

- Ops: A.  Gypsy  
B.  Alto  
C.  Vitara  
D.  Omni

**Q 43.** Calculate the approximate ratio of the sales of Maruti Swift in 2005 to the sales of Maruti Omni in 2005.

- Ops: A.  5 : 2  
B.  7 : 3  
C.  3 : 2  
D.  4 : 3

Ops: A.  52  
B.  63  
C.  66  
D.  42

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Q 49.

Sarita and Pooja do a piece of work for Rs. 200. Sarita, alone, could do it in 6 days while Pooja, in 8 days. What is Karim's share?

- Ops: A.  Rs. 24  
B.  Rs. 20  
C.  Rs. 25  
D.  Rs. 21

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Q 50.

John, a con-man, was running along a road at 10 km/hr. He crossed a policeman moving at a speed of 8 km/hr. The policeman had to continue for 16 minutes before he could find a gap in the road and start running after him. How much time did the policeman take (in minutes) by the policeman to catch the con-man from the time he crossed him?

- Ops: A.  96  
B.  80  
C.  75  
D.  60

Previous Section

SECTION 02/06

SECTION 04/06  
Next Section

**ections****01. English Ability**

00 / 17 attempted

**02. Analytical Reasoning**

00 / 17 attempted

**03. Numerical Ability**

00 / 16 attempted

**04. Common Applications and MS office**

00 / 12 attempted

**05. Pseudo Code**

00 / 18 attempted

**06. Networking Security and Cloud**

00 / 10 attempted

**Q 05.** Find out which part of the sentence below has an error and mark that part.

His dedication / to singing is / very well known.

Ops:

- A.  His dedication
- B.  to singing is
- C.  very well known
- D.  No error

**Q 06.** Choose the best replacement for the underlined part of the sentence.

I forecast that this will end poorly for the criminals; I've already called the police.

Ops:

- A.  I assuage that this will end poorly
- B.  I predate that this will end poorly
- C.  I forecast that this will end poorly
- D.  I determine that this will end poorly

**Q 07.** Choose the best replacement for the underlined part of the sentence.

The council of ministers brokered a truce among the prince and the commander.

Ops:

- A.  brokered a truce from between the prince and the commander
- B.  brokered a truce among the prince and the commander

## Sections

**Q1. English Ability**

00 / 17 attempted

**Q2. Analytical Reasoning**

00 / 17 attempted

**Q3. Numerical Ability**

00 / 16 attempted

**Q4. Common Applications and MS office**

00 / 12 attempted

**Q5. Pseudo Code**

00 / 18 attempted

**Q6. Networking Security and Cloud**

00 / 10 attempted

**RECLUSE**

- Ops: A.  Lay back  
B.  Social  
C.  Prompt  
D.  Remorseful

**Q16.** Fill in the blank with the most suitable option.By the time he was 14, Wolfgang Mozart \_\_\_\_\_ an ~~entire~~ number of musical pieces.

- Ops: A.  have had composed

B.  been composing

C.  has been composing

- D.  had composed

**Q17.** Fill in the blanks with the most suitable option.

The day in 1912 when the strike \_\_\_\_\_ all construction in the city, the workers

Ops:

- A.  stops, were building
- B.  stopped, were building
- C.  stopped, are building

- D.  is stopping, are building

Q 20. Where is usually from?

Ops: A.  Oslo

B.  Dubai

C.  Moscow

D.  Cairo

## I Reasoning

Ability

Applications and MS Office

Q 27. If in a certain code language, "ALLOWANCE" is coded as "BOOLIBA", then what is the language?

Ops: A.  FOKNLMEGJ

B.  FOLNMIFGK

C.  FPKMLNEHJ

D.  FPLMMNFHK

Q 28. Find the missing term in the series given below.

46, 49, 55, 64, 76, ?

Ops: A.  84

B.  94

C.  91

D.  81

Q 29. Find the missing term in the series given below.

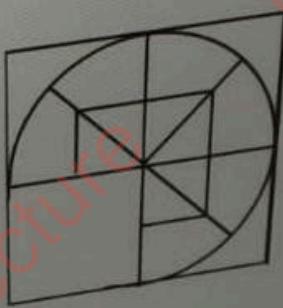
Submit

D.  (1)

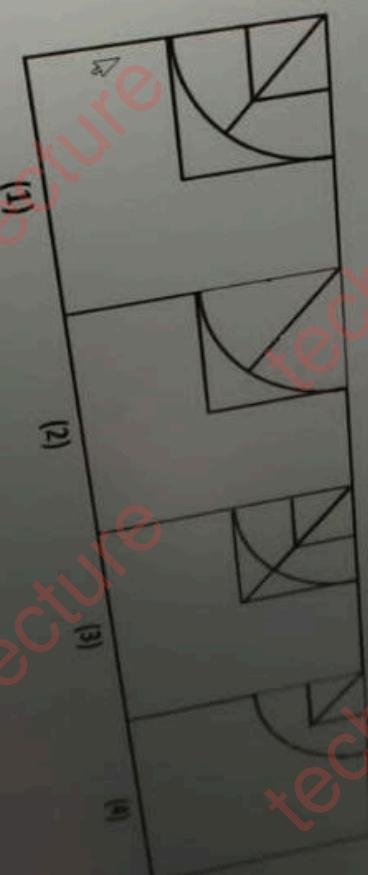
## I Reasoning Ability

Q.34. From the Response Figure (1), (2), (3) and (4) identify the one which completes the problem figure.

PROBLEM FIGURE:



RESPONSE FIGURE:



(1)

(2)

(3)

(4)

Ops: A.  (3)  
B.  (4)

Submit

Sections

01. English Ability

00 / 17 attempted

02. Analytical Reasoning

00 / 17 attempted

03. Numerical Ability

00 / 16 attempted

04. Common Applications and MS office

00 / 12 attempted

05. Pseudo Code

00 / 18 attempted

06. Networking Security and Cloud

00 / 10 attempted

**Q 03.** Fill in the blank with the most suitable option.  
Ned went to the court \_\_\_\_\_ hearing.

Ops: A.  of

B.  for

C.  with

D.  on

**Q 04.** The sentences given below form a coherent passage when arranged logically. Choose the correct sequence.

- (1) His mother worked as a servant to various homes in the town.
- (2) Jack, however, was so lazy that he found it difficult to even move.

- (3) In a small village, a lazy boy called Jack lived with his mother.
- (4) People started to call him Lazy Jack, and Jack's mother was both fed up and worried about him.

Ops: A.  3, 1, 2, 4

B.  2, 1, 3, 4

C.  3, 2, 4, 1

D.  4, 2, 3, 1

**Q 05.** Find out which part of the sentence below has an error and mark that option. If there is no error, mark 'None'.

D.  220% of 22

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Study the following table given below and answer the questions that follow:

Source of Income	K	L	M	N	O
Salary	12000	6000	21000	9000	0
Bonus	2400	1200	4500	2400	3000
Overtime	5400	2100	6000	5100	6000
Arrears	6000	5400	12000	4200	7500
Miscellaneous	1200	300	1500	300	1500
Total	27000	15000	45000	21000	30000

Q 45. Who among the following employees earns the minimum bonus in comparison to the total income?

Ops: A.  L

B.  M

C.  O

D.  K

Q 46. Who among the following employees has the minimum ratio of income from areas to income from sales?

Ops: A.  L

B.  N

C.  K

D.  M

### 03. Numerical Ability

#### Q 35.

Bob is thrice as good a workman as Rita. Together, they can do a piece of work in 15 days. In how many days can Rita alone do the work, working alone?

Ops:

- A.  40 days
- B.  20 days
- C.  60 days
- D.  30 days

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Q 36. Find the value of  $|x + 2 - |2x - 3||$  at  $x = 4$ .

Ops:

- A.  1
- B.  10
- C.  2
- D.  13

Q 37. Veronica bought a second hand bluetooth for \$275 and sold it for \$308. Find his profit percentage.

Ops:

- A.  4%
- B.  12%
- C.  8%
- D.  6%

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D.  4.2

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- Q 40. In a FIFA world cup, Argentina has scored 42 goals in 10 matches. Find the value of  $\frac{42}{10} \times 100$ ?
- Ops: A.  3.4  
B.  3.8  
C.  3.6  
D.  4.2

Maruti is one of the leading manufacturers of different car models in India. The sales of five particular models in 2000 and 2005 are shown in the following bar graph. Study the graph carefully and answer the questions that follow.

Sales (in lakhs number of units) of 5 different models of car during 2000 and 2005



- Q 41. The sales of Maruti Alto in 2005 was how much percent higher than the sales of Maruti Alto in 2000?

Submit

Ops: A.  Gypsy

B.  Alto

C.  Vitara

D.  Omni

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- Q 43. Calculate the approximate ratio of the sales of Maruti Swift in 2005 to the sales of Maruti Omni in 2006.
- Ops: A.  5 : 2  
B.  7 : 3  
C.  3 : 2  
D.  4 : 3

Q 44. Which of the following is the largest number?

- Ops: A.  420% of 5  
B.  900% of 1  
C.  110% of 33  
D.  220% of 22

Study the following table given below and answer the questions that follow:

Source of Income	Employees			
	K	L	M	N
Salary	12000	1200	4500	2400
Bonus	2400	2100	6000	5100
Overtime	5400			6000

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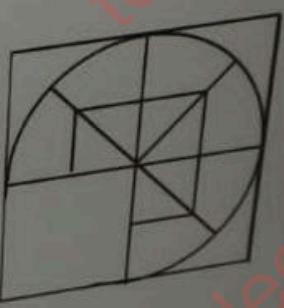
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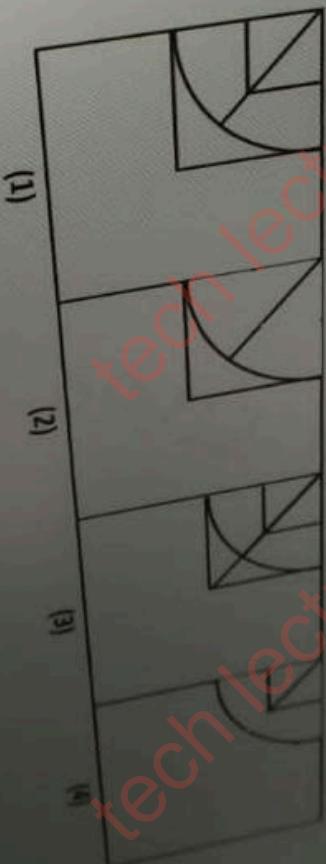
ops:

- A.  (3)
- B.  (4)
- C.  (2)
- D.  (1)

PROBLEM FIGURE



RESPONSE FIGURE:



**Q 47.** A shopkeeper sold rice whose cost

the whole?

Ops: A.  \$235

B.  \$125

C.  \$75

D.  \$135

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**Q 48.** The ratio of the number of oranges with Jason and Tom is 21 : 11. If Jason gives Tom 30 oranges, then the ratio of

oranges. Find the initial number of oranges with Tom.

Ops: A.  52

B.  63

C.  66

D.  42

**Q 49.** Sarita and Pooja do a piece of work for Rs. 200. Sarita, alone, could do it in 6 days while Pooja, in 8 days, finished it in 3 days. What is the Karim's share?

Ops: A.  Rs. 24

B.  Rs. 20

C.  Rs. 25

D.  Rs. 21

**Q 50.** John, a con-man, was running along a road at 10 km/hr. He crossed a policeman making a speed of 15 km/hr in the opposite direction.

Submit

**1. English Ability**

0 / 17 attempted

**2. Analytical Reasoning**

0 / 17 attempted

**3. Numerical Ability**

0 / 16 attempted

**4. Common Applications and MS office**

0 / 12 attempted

**5. Pseudo Code**

0 / 18 attempted

**6. Networking Security and Cloud**

00 / 10 attempted

**Q 08.** Mark the option which is closest in meaning to the word given.

ABANDON

Ops: A.  DiscardB.  BreakC.  ClaimD.  Continue**Q 09.** Fill in the blank with the most suitable option.

his time towards education Sam

Sam

Ops: A.  wantsB.  contributesC.  objectsD.  projects

**Actions**

**Q1. English Ability**

0 / 17 attempted

**Q2. Analytical Reasoning**

0 / 17 attempted

**Q3. Numerical Ability**

0 / 16 attempted

**Q4. Common Applications and MS office**

0 / 12 attempted

**Q5. Pseudo Code**

0 / 18 attempted

**Q6. Networking Security and Cloud**

0 / 10 attempted

**Q07.** Choose the best replacement for the underlined part of the sentence.

The council of ministers brokered a truce among the prince and the commander.

Ops: A.  brokered a truce from among the prince and the commander.

B.  brokered a truce from between the prince and the commander.

C.  brokered a truce between the prince and the commander.

D.  brokered a truce among the prince and the commander.

**Q08.** Mark the option which is closest in meaning to the word.

ABANDON

Ops: A.  Discard

B.  Break

C.  Claim

D.  Continue

**Q09.** Fill in the blank with the most suitable option.

his time towards educating slum children.

Sam \_\_\_\_\_

Ops: A.  wants

B.  contributes

**Sections**

01. English Ability

00 / 17 attempted

**02. Analytical Reasoning**

00 / 17 attempted

03. Numerical Ability

00 / 16 attempted

04. Common Applications and MS office

00 / 12 attempted

05. Pseudo Code

00 / 18 attempted

06. Networking Security and Cloud

00 / 10 attempted

**02. Analytical Reasoning**

Q 18. In the following question, the symbols  $*$ ,  $\wedge$ ,  $\vee$ ,  $\$$  and  $\#$  are used with the following meanings:

'A \* B' means 'A is either greater than or equal to B'.

'A - B' means 'A is neither greater than nor smaller than B'.

'A \\$ B' means 'A is smaller than B'.

'A + B' means 'A is either smaller than or equal to B'.

'A / B' means 'A is greater than B'.

In each of the following questions assuming the given symbols to be true, which one of the statements below them is/are definitely true and mark your answer:

**Statements:**

I. L \* B

II. B - Y

III. Y + C

**Conclusions:**

I. L / B

II. Y \\$ L

III. C - B

Ops: A.  None follows

B.  Only conclusion III follows

C.  Only conclusion I and conclusion III follow

D.  Only conclusion I and conclusion II follow

## Sections

**01. English Ability**

00 / 17 attempted

**02. Analytical Reasoning**

00 / 17 attempted

**03. Numerical Ability**

00 / 16 attempted

**04. Common Applications and MS office**

00 / 12 attempted

**05. Pseudo Code**

00 / 18 attempted

**06. Networking Security and Cloud**

00 / 10 attempted

**Q 12.** What is the antonym of ~~antonym~~?

- Ops: A.  Reinforcement

- B.  Fortification

- C.  Protection

- D.  Corroboration

**Q 13.** Who has spoiled the divine balance of universal ~~sustenance~~?

- Ops: A.  The Almighty

- B.  Congenital diseases

- C.  Man-made pollutants

- D.  Life cycle of animals and birds

**Q 14.** Mark the option containing the word/phrase that is ~~deserted~~ in the sentence.**AGNOSTIC**

- Ops: A.  believer

- B.  douter

- C.  sure

- D.  partial

**Q 15.** Mark the option containing the word that is opposite in meaning to the word given below.

Q 19. In which of the following sentences does the word 'you' refer to the test taker?

- Ops: A.  I need everything on this list.  
B.  I want you to tell me this.  
C.  Look at the blackboard!  
D.  I did not expect it to be that big.

## II Reasoning Ability

Q 20. If in a certain code language, "WARNING" is coded as "V0T0G0", then

- Ops: A.  EUBUVDN  
B.  EUAUUDM  
C.  EUAWVDN  
D.  EVAVUDN

Q 21. The question given below is followed by two statements numbered I and II. Determine if the question can be answered by the information given in either statement I or II alone or by both together but not by either one alone.

Question: What is the C.P of each watch? (Assume that there were 2 watches)

### Statements:

- I. One watch is sold at a loss of 25% and the other is sold for \$200 more than the cost price.  
II. The net loss in the transaction is 19%.

- Ops: A.  Statements I and II together are not sufficient to answer the question.

Submit

Study the flowchart given below and

Box No. 1 2 3 4 5 6 7 8 9 10

12 3 16 11 1 10 1 1 1 1 1

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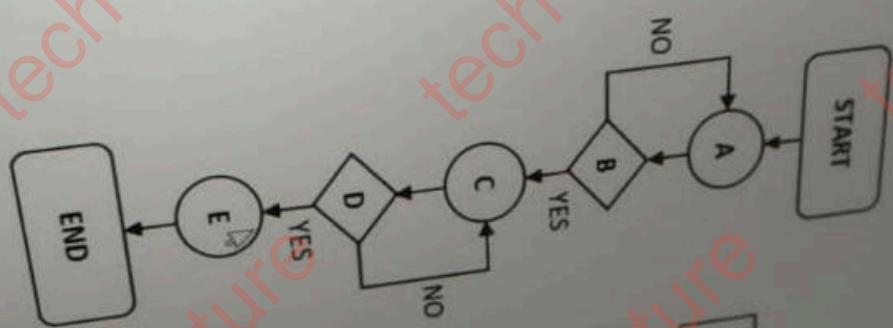
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Add: (number in box 2) + (number in box 1)

Put this result in box 1.

Add:

(number in box 1) + (number in box 2)

Put this result in box 1.

Is the number stored in box 2 > number  
in box 1?

Add:

(number in box 2) + (number in box 1)

Put this result in box 1.

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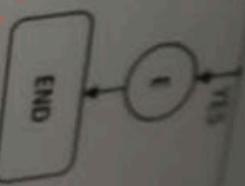
## Al Reasoning

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Applications and MS office

- Ops: A.  7  
B.  48  
C.  55  
D.  29

Q 23. What number is stored in Box 6 at the end of the flowchart?



Q 24. How many times the value of Box 2 changed in completing the given flowchart?

- Ops: A.  2  
B.  4  
C.  5  
D.  3

Read the information given below carefully and answer the questions that follow:  
Five friends - Jerry, Thomas, Daisy, Bob, and Pat (not necessarily in the same order).

Submit

Read the information given below carefully.

Five friends - Jerry, Thomas, Daisy, Bob, and Pat live in five cities - New York, Dubai, Oslo, Cairo, and Moscow.

The following information is known about them.

1. Jerry is from New York, but Pat isn't from Dubai or Oslo.
2. Thomas is from Cairo and Bob isn't from Oslo.

Q 25. Which of the following is an incorrect pair?

Ops:

- A.  Jerry - New York
- B.  Daisy - Dubai
- C.  Bob - Dubai
- D.  Pat - Moscow

Q 26. Where is Daisy from?

Ops:

- A.  Oslo
- B.  Dubai
- C.  Moscow
- D.  Cairo

Submit

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4. The person who plays chess is from \_\_\_\_\_.
5. Jayden, Montana didn't arrive 4th at the \_\_\_\_\_.
6. Montana who is from London, plays \_\_\_\_\_.

### I Reasoning

Ability

pplications and MS office

Q 30. Which coloured dress is Owen wearing?

- Ops:
- A.  Blue
  - B.  White
  - C.  Black
  - D.  Red

Q 31. When did Montana arrive at the cafe?

Ops:

- A.  third
- B.  second
- C.  fifth
- D.  fourth

Q 32. Which coloured dress is Jayden wearing?

Ops:

- A.  Black
- B.  Red
- C.  White
- D.  Blue

Submit

Reasoning

Applications and MS office

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1

3

1

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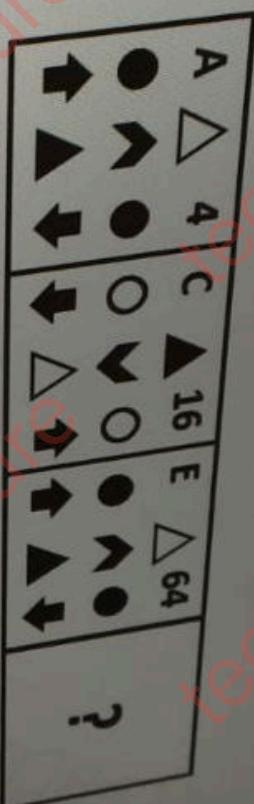
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1

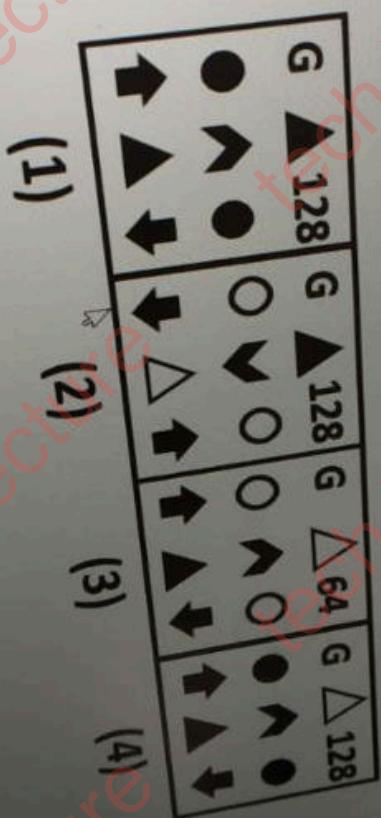
1

Problem Figure

Q 33. From among " " *11*



Response Figures



(1)

(3) (4)

14

Ops: A.  (3)  (2)

C  
O  
(4)

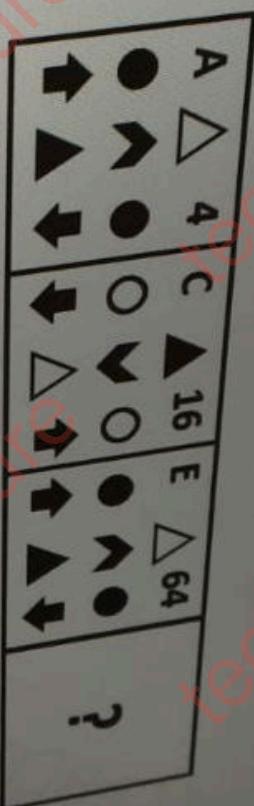
- C.  White  
D.  Blue

### Reasoning

Q.33.

From among the Response Figures (1), (2), (3) and (4) identify the one which follows the sequence given below:

#### Problem Figures



#### Response Figures



- Ops: A.  (3)  
B.  (2)  
C.  (4)

Submit

**I Reasoning**Ops: A.  102  
B.  101  
C.  112  
D.  111

Applications and MS office

Read the information given below carefully and answer the questions that follow.

Six friends - Owen, Montana, Jayden, Lane, Jackie, and Kai are meeting at a cafe. Each of them wears Red, White, Orange or Grey. Each of them hails from a different city - Paris, Sydney, London, New York, Tokyo and Hong Kong. Each of them plays a different sport - Football, Cricket, Fencing, Chess, Basketball or Badminton.

The following information is known about them.

- Owen who is from Paris, doesn't wear a white dress and plays basketball arrived first at the cafe.
- Jackie, who is from Texas and doesn't play football, is wearing a blue dress and Jayden wears a red dress.
- Kai, who is from Delhi was the last one to arrive at the cafe plays fencing.
- The person who plays chess is from Moscow and Jayden doesn't wear a white dress.
- Jayden, Montana didn't arrive 4th at the cafe and Jayden wears a grey coloured dress.
- Montana who is from London, plays badminton and wears a grey coloured dress.

Q 30. Which coloured dress is Owen wearing?

and microorganisms. The atmosphere of the Earth is composed

**01. English Ability**  
00 / 17 attempted

**02. Analytical Reasoning**  
00 / 17 attempted

**03. Numerical Ability**  
00 / 16 attempted

**04. Common Applications and MS office**  
00 / 12 attempted

**05. Pseudo Code**  
00 / 18 attempted

**06. Networking Security and Cloud**  
00 / 10 attempted

**Q 11.** When did air pollution begin?  
Ops:

- A.  With the arrival of mankind on the Earth
- B.  With the development of nuclear warheads
- C.  With the discovery of coal
- D.  With the arrival of the Industrial Revolution

**Q 12.** What is the antonym of annihilation?  
Ops:

- A.  Reinforcement

**Q. 1. English Ability**

0 / 17 attempted

Q 09. Fill in the blank with the most suitable option.

**Q 2. Analytical Reasoning**

0 / 17 attempted

Sam

his time towards educating the children.

Ops:  A. wantsB.  contributesC.  objectsD.  projects**Q 3. Numerical Ability**

0 / 16 attempted

**Q 4. Common Applications and MS office**

0 / 12 attempted

**Q 5. Pseudo Code**

0 / 18 attempted

**Q 6. Networking Security and Cloud**

0 / 10 attempted

Q 10. The sentences given below form a coherent passage.

1. It is celebrated in the entire sub-continent, and particularly in India, by flying kites.
2. The Basant festival heralds the end of winter and the arrival of spring.
3. For its fans, kite flying is pure fun.
4. Perhaps because spring generally brings a clear sky and just the right conditions.

Ops: A.  2134B.  4123C.  1234D.  2143

Read the passage given below and answer the questions that follow.

Man, the crown of creation is on the path to annihilation due to the pollution he's caused, and

D.  Continue

D.  Continue**Q1. English Ability**

0 / 17 attempted

**Q2. Analytical Reasoning**

0 / 17 attempted

**Q3. Numerical Ability**

0 / 16 attempted

**Q4. Common Applications and MS office**

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**Q5. Pseudo Code**

0 / 18 attempted

**Q6. Networking Security and Cloud**

0 / 10 attempted

**Q9.** Fill in the blank with the most suitable option.

Sam

his time towards educating the children.

Ops:

- A.  wants
- B.  contributes
- C.  objects
- D.  projects

**Q10.** The sentences given below form a coherent passage.

- 1. It is celebrated in the entire sub-continent, and particularly in India.
- 2. The Basant festival heralds the end of winter and the arrival of spring.
- 3. For its fans, kite flying is pure fun.
- 4. Perhaps because spring generally brings a clear sky and just the right wind.

Ops:

- A.  2134
- B.  4123
- C.  1234
- D.  2143

Read the passage given below and answer the questions that follow.

Man, the

crown of creation is on the path to annihilation due to the pollution he has caused.

Instructions

01. English Ability

00 / 17 attempted

02. Analytical Reasoning

00 / 17 attempted

03. Numerical Ability

00 / 16 attempted

04. Common Applications and MS office

00 / 12 attempted

05. Pseudo Code

00 / 18 attempted

06. Networking Security and Cloud

00 / 10 attempted

Q 16. Fill in the blank with the most suitable option.

By the time he was 14, Wolfgang Mozart \_\_\_\_\_.

- Ops: A.  have had composed  
B.  been composing  
C.  has been composing  
D.  had composed

Q 17. Fill in the blanks with the most suitable option.

The day in 1912 when the strike \_\_\_\_\_ all construction in the city.

- Ops: A.  stops, were building  
B.  stopped, were building  
C.  stopped, are building  
D.  is stopping, are building

SECTION 0200  
Previous Section

SECTION 0200  
Next Section

**Sections****01. English Ability**

00 / 17 attempted

**Q02. Analytical Reasoning**

00 / 17 attempted

**Q03. Numerical Ability**

00 / 16 attempted

**Q04. Common Applications and MS office**

00 / 12 attempted

**Q05. Pseudo Code**

00 / 18 attempted

**Q06. Networking Security and Cloud**

00 / 10 attempted

Q01. Fill in the blank with the most suitable option.

I didn't get a chance to speak \_\_\_\_\_ the meeting.

- Ops: A.  on  
B.  during  
C.  while  
D.  for

Q02. Find out which part of the sentence below has an error and in the options choose the option accordingly.

He couldn't corrected / his mistakes | despite learning | a harsh lesson.

- Ops: A.  a harsh lesson.  
B.  his mistakes

C.  He couldn't corrected  
D.  despite learning

Q03. Fill in the blank with the most suitable option.

Ned went to the court \_\_\_\_\_ his hearing.

- Ops: A.  of  
B.  to

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Coding ▾

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## Example 1:

input1: 2

input2: 2

Output: 3

## Explanation:

All possible distributions of 2 identical mangoes to 2 identical persons are (1,1), (2,0) and (0,2). Hence the output is 3.

## Example 2:

input1: 1

input1: 12

Output: 12

## Explanation:

All possible distributions of 1 identical mango to 12 identical persons are 12. Hence the output is 12.

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Coding ▾

Campus Hiring - Coding Mock Test 6

### Question # 1

Revisit

How to attempt?

Question

#### Mango Distribution

Given a number of mangoes and number of persons. Find the number of ways to distribute identical mangoes among identical persons.

#### Input Specification:

input1: the number of mangoes

input2: the number of persons

#### Output Specification:

Return the number of ways to distribute identical mangoes among identical persons.

#### Example 1:

input1: 2

input2: 2

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Language

- 1 Imp
- 2 Imp
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Code

Console

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1