2026 LTIMindtree Test -2

Test Summary

* No. of Sections: 3
* No. of Questions: 47
* Total Duration: 90 min

Section 1 - VERBAL

Section Summary

* No. of Questions: 20
* Duration: 20 min

Additional Instructions:

None

Q1.

**Complete the following sentence with the right option.**

Considering the \_\_\_\_\_ era in which the story was written, its tone and theme are remarkably \_\_\_\_\_.

enlightened…. disenchanted

undistinguished…. commonplace

scholarly…. undramatic

permissive…. puritanical

Q2.

Replace the underlined part of the sentence with a grammatically correct option.

Rising inventories, when unaccompanied correspondingly by increases in sales, can lead to production cutbacks that would hamper economic growth.

if not accompanied by corresponding increases in sales, can lead

when unaccompanied correspondingly by increases in sales, can lead

when not accompanied by corresponding increases in sales, possibly leads

when they were unaccompanied by corresponding sales increases, can lead

Q3.

In the question below is given a statement followed by several assumptions. An assumption is something supposed or taken for granted. You have to consider the statement along with the assumptions and then decide as to which of the assumptions is implicit in the statement.

Statement: "Smoking Prohibited" - A notice at a petrol pump.

Assumptions :

I.  All those who come to the petrol pump are smokers.

II. Smoking at a petrol pump is hazardous.

III. People are expected to follow such notices.

Only I and III are implicit

Only II and III are implicit

Only II is implicit

All I, II and III are implicit

Q4.

**Complete the following sentence with the right option.**

If the theory is self-evidently true as its proponents assert, then why does \_\_\_\_\_\_\_\_\_\_ it still exist among well-informed people?

opposition to

support for

excitement about

resignation about

Q5.

Fill in the blank with the appropriate word:

Taylor loves to play **.......** and seek with her friends from school.

hid

hides

hide

Q6.

Fill in the blank with the appropriate word:

Every night, Sarah **.......** down beside her bed to pray.

kneel

kneeling

kneels

Q7.

**Complete the following sentence by choosing the right option.**

I'm tired **.......** waiting for the bus. Let's take a taxi.

to

on

of

from

Q8.

Fill up the blank with suitable prepositions from the alternatives given under each sentence.

Kanishka was initiated \_\_\_\_\_\_ Buddhism by Buddhist monks.

to

into

in

by

Q9.

Read the statement and answer the question that follows.

I cannot make tomato soup, unless I have some onions.

Which of the following is a conclusion which can be drawn from the above statement?

I have onions but I cannot make tomato soup.

I do not have onions hence I cannot make tomato soup.

I made tomato soup though I had onions.

I have onions hence I can make tomato soup.

Q10.

Choose the appropriate option to complete the sentences.

We all told the boss that we wanted to have \_\_\_\_\_\_\_ salaries paid in advance but he just ignored \_\_\_\_\_\_\_.

ours / it

his / we

their / our

we / his

our / us

Q11.

Replace the underlined portion with the answer choice that results in a sentence that is clear and precise

When we have purpose in our lives, they can wake up every day feeling confident and fulfilled.

she can wake up every day feeling confident and fulfilled

we can wake up every day feeling confident and fulfilled

you can wake up every day feeling confident and fulfilled

they can wake up every day feeling confident and fulfilled

Q12.

**Fill in the blank:**

The job wasn’t very interesting. \_\_\_\_\_\_\_\_\_\_, the money was OK.

While

Mind you

In addition

Due to this

Q13.

**Replace the underlined part of the sentence with a grammatically correct option.**

Of all the vast tides of migration that have swept through history, maybe none is more concentrated as the wave that brought 12 million immigrants onto American shores in little more than three decades.

perhaps none was more concentrated than

maybe none is more concentrated as

it may be that none is more concentrated as

may be it is none that was more concentrated than

Q14.

Pick out the best alternative for the underlined part of the sentence.

If any one dared to suggest that he or she was not against women but only against reservation, nobody was willing to listen.

If any one dared to suggest

if anyone was dared to suggest

if anyone dared to suggesting

if anyone dared sugget

Q15.

Read the sentence to find out whether there is any error in it. The number of that part is the answer. If there is no error mark 4 as the answer,

We forgave him (1) / because he (2) / confessed his crime (3) / No error (4)

1

2

3

4

Q16.

Fill in the blank:

He is a clever man, but unfortunately diffident \_\_\_\_\_\_\_ his powers.

to

in

from

of

Q17.

Fill in the blank with the right answer:

\_\_\_\_\_\_\_\_ the most qualified candidates always get the best jobs.

obviously

beyond

next to

join in

Q18.

**Complete the following sentence by choosing the right option.**

I don't know how many times I have told my daughter to look at both sides before running **.......** the street.

across

alongside

beside

around

Q19.

The question consists of four sentences on a topic. Some sentences are grammatically incorrect or inappropriate. Identify the incorrect sentence or sentences:

A. Flowers have always played a significant part in religious ceremony.

B. Their perfumes have a distinct affect on the mind and its moods.

C. The Arabians imported their perfumes from India as they still do.

D. Kannauj in, Uttar Pradesh, is the heart of the perfume industry.

Only A

A and B

Only C

C and D

Q20.

Replace the underlined portion with the answer choice that results in a sentence that is clear and precise.

Behind the rock, the bullets could not hit the soldiers.

Behind the rock, the bullets could not hit the soldiers.

The soldiers being not hit by bullets behind the rock.

Behind the rock the bullets could not hit the soldiers.

The bullets could not hit the soldiers behind the rock.

Section 2 - Q&R

Section Summary

* No. of Questions: 15
* Duration: 20 min

Additional Instructions:

None

Q1.

The population of the city increases 7% annually from 1920 to 1923 and its population in the 1923 and its population in 1923 was 8575301. What was its population in 1920?

5575301

7000000

107000

None of these

Q2.

The jogging track in a sports complex is 726 m in circumference. Suresh and his wife start from the same point and walk in opposite direction at 4.5 km/hr and 3.75 km/hr respectively. They will meet for the first time in:

5.5 minutes

6 minutes

4.9 minutes

5.28 minutes

Q3.

In the adjoining figure ∠A + ∠B + ∠C + ∠D + ∠E + ∠F = ?

A star of david with letters and numbers

AI-generated content may be incorrect.

270°

300°

360°

330°

Q4.

Select the related letters from the given alternatives.

G3S : J3P :: L4X : ?

P3Y

O3T

O4T

Q4S

Q5.

In a certain code, INACTIVE is written as VITCANIE. How is COMPUTER written in that same code?

PMOCRETU

ETUPMOCR

UTEPMOCR

MOCPETUR

Q6.

Which day of the week was 27th October 1983?

Tuesday

Wednesday

Thursday

Friday

Q7.

If logn 48 = a and logn 108 = b. What is the value of logn 1296 in terms of a and b?

2(2a + b)/5

(2a + b)/5

4(2a + b)/5

2(a + 3b)/5

Q8.

Look carefully at the sequence of symbols to find the pattern. Select the correct pattern.

A group of black symbols

AI-generated content may be incorrect.

1

2

3

4

Q9.

From a full barrel containing 729 litres of honey, we pour off ‘a’ litre and add water to fill up the barrel. After stirring the solution thoroughly, we pour off ‘a’ litre of the solution and again add water to fill up the barrel. After the procedure is repeated 6 times, the solution in the barrel contains 64 litres of honey. Find a.

243 litres

81 litres

2.7 litres

None of these

Q10.

Find the least number that when divided by 16, 18 and 20 leaves a remainder 4 in each case, but is completely divisible by 7.

364

2254

2884

3234

Q11.

At an election, there are five candidates out of which three members are to be elected, and a voter may vote for any number of candidates not greater than the number to be elected. Then the number of ways in which a voter may vote is

25

30

32

None of these

Q12.

When the given figure is folded to form a cube then which face is opposite to the face with 2?

A grid of squares with numbers

AI-generated content may be incorrect.

4

2

5

1

Q13.

The H.C.F. of three numbers is 24. If they are in the ratio of 31:33:35, the numbers are

155, 165, 175

280, 440, 616

744, 792, 840

None of these

Q14.

The question below consists of a question and two statements numbered A and B given below it. You have to decide whether the data provided in the statement(s) is/are sufficient to answer the question. Read both statements and give an answer.

A math problem with black text

AI-generated content may be incorrect.

if statement (A) alone is sufficient to solve the question, but statement (B) alone is not.

if statement (B) alone is sufficient to solve the question, but statement (A) alone is not.

if neither statement (A) nor statement (B) is individually sufficient to solve the question, but a combination of both is sufficient to solve the question.

if both the statements(A) and (B) are individually sufficient to solve the question.

Q15.

The area of the greatest circle, which can be inscribed in a square whose perimeter is 360 cm, is

(22/7) × (21/2)2 cm2

(22/7) × (45)2 cm2

(22/7) × (45/2)2 cm2

(22/7) × (27/2)2 cm2

Section 3 - TECHNICAL

Section Summary

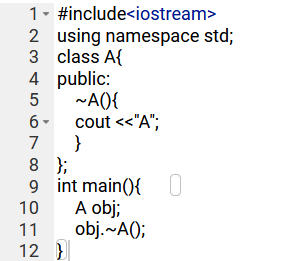
* No. of Questions: 12
* Duration: 50 min

Additional Instructions:

None

Q1.

How many times will A be printed?



0

1

2

None of the mentioned options

Q2.

What will be the output of the following code?

A screenshot of a computer code

AI-generated content may be incorrect.

10 10

Error

Exception

None

Q3.

What will be the output of the following Python code?

A screenshot of a chat

AI-generated content may be incorrect.

Hello

WorldWorldWorldWorldWorld

Hello

World 5

Hello

World,World,World,World,World

None of the mentioned.

Q4.

What will be the output of the following C code?

A screenshot of a computer code

AI-generated content may be incorrect.

2 3

4 3

3 2

Compilation Error

Q5.

What do Files.lines(Path path) do?

It reads all the files at the path specified as a String

It reads all the lines from a file as a Stream

It reads the filenames at the path specified

It counts the number of lines for files at the path specified

Q6.

Let A be a square matrix of size n x n. Consider the following program. What is the expected output?

A screenshot of a computer

AI-generated content may be incorrect.

The matrix A itself

Transpose of matrix A

Adding 100 to the upper diagonal elements and subtracting 100 from diagonal elements of A

None of the above

Q7.

What will be the output of the given program?

A screenshot of a computer code

AI-generated content may be incorrect.

Test string#

Original string is: Test String

After string set: ####################

Original string is: Test String

After string set: ####################�

Original string is: Test String

After string set: ##

Q8.

Predict the output for the following code:

A screenshot of a computer code

AI-generated content may be incorrect.

6 4 8 7 1 9

9 1 7 8 4 6

Compile Time Error

Segmentation fault

Q9.

What will be the output of the following Python code?

A black text on a white background

AI-generated content may be incorrect.

Assertion Error

10 8

No output

108

Q10.

Which among the following best describes polymorphism?

It is the ability for a message/data to be processed in more than one form

It is the ability for a message/data to be processed in only 1 form

It is the ability for many messages/data to be processed in one way

It is the ability for undefined message/data to be processed in at least one way

Q11.

**Reverse Words in a String**

Given a string s, reverse the order of characters in each word within a sentence while still preserving whitespace and initial word order.

**Examples**

**Input:**

Let's solve this problem

**Output:**

s'teL evlos siht melborp

**Input:**

Find an optimized solution

**Output:**

dniF na dezimitpo noitulos

Input Format

The input consists of a single line containing a string s with length n (1 ≤ n ≤ 105).

Output Format

The output is a single line containing the string s with all the words reversed.

Constraints

1 <= s.length <= 5 \* 104

s contain printable ASCII characters.

s does not contain any leading or trailing spaces.

There is at least one word in s.

All the words in s are separated by a single space.

Sample Input

Let's solve this problem

Sample Output

s'teL evlos siht melborp

Sample Input

Find an optimized solution

Sample Output

dniF na dezimitpo noitulos

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Q12.

**Check if an array is formed by consecutive integers**

Given an integer array, check if only consecutive integers form the array.

For example,

**Input:**

**7 // size of the array**

-1

5

4

2

0

3

1

**Output**

﻿The array contains consecutive integers

Input Format

The input consists of two lines. The first line contains an integer n, the number of elements in the list.

The second line contains n space-separated integers, the elements of the list.

Output Format

The output is a single line that indicates if the list contains consecutive integers or not.

If the list contains consecutive integers, the output is "The array contains consecutive integers".

Otherwise, the output is "Array do contain consecutive not integers".

Sample Input

7

-1

5

4

2

0

3

1

Sample Output

The array contains consecutive integers

Sample Input

8

4

8

5

2

6

3

-8

-9

Sample Output

Array do contain consecutive not integers

Time Limit: - ms Memory Limit: - kb Code Size: - kb

Answer Key & Solution

Section 1 - VERBAL

Q1

permissive…. puritanical

Solution

From the words considering and remarkably, we can determine that the two words will be opposites of each other. Among the answer choices, the two words permissive and puritanical appear to have the contrasting, opposite connotation that we are looking for. Hence the correct answer is **permissive…. puritanical**.

Q2

if not accompanied by corresponding increases in sales, can lead

Solution

if not accompanied by corresponding increases in sales, can lead- is the right answer

when not accompanied by corresponding increases in sales, possibly leads- is grammatically wrong as leads is simple present tense

when they were unaccompanied by corresponding sales increases, can lead- changes the meaning of the sentence

Q3

Only II and III are implicit

Solution

Assumption (I) is not implicit since the notice is "general" in nature and is meant, for those who are smokers. Assumption (II) is implicit since the consequences of smoking at the petrol pump are so dangerous that the working “prohibited” has to be used in the notice.

Assumption (III) is implicit since the “prohibition” is so specific in nature that compliance becomes a necessity.

Q4

opposition to

Solution

The sentence talks about the self-evident truth of the theory. The keyword here is ‘then’. The word ‘then’ shows that the second part of the sentence contradicts the context told in the first part of the sentence. Hence the only apt answer could be "opposition to".

Q5

hide

Solution

No Solution

Q6

kneels

Solution

Since it is a regular activity and Sarah is a third-person singular subject, 'Kneels' (verb+s) is the right verb.

Q7

of

Solution

No Solution

Q8

into

Solution

The preposition 'into' should be used after the word initiated.

Q9

I made tomato soup though I had onions.

Solution

I cannot make tomato soup, unless I have some onions.

P                                            q

The statement is of the form 'unless p then q'.

The negation is ~p and -q.

Q10

our / us

Solution

The sentence is talking about the salary the person owns and thus the appropriate pronoun would be our in the given context.

Q11

we can wake up every day feeling confident and fulfilled

Solution

The sentence begins with the pronoun "We" but switches to the pronoun "they."

We must therefore change the second pronoun to "we" in order to maintain grammatical consistency.

Q12

Mind you

Solution

mind you-used in speech to give stress to a statement that one is making so that a preceding or following statement will not be misunderstood.

Q13

perhaps none was more concentrated than

Solution

The option "it may be that none is more concentrated as" is wordy and ungrammatical in construction.

"may be it is none that was more concentrated than" is grammatically incorrect.

"maybe none is more concentrated as" is also grammatically incorrect.

The right answer is "perhaps none was more concentrated than".

Q14

if anyone dared sugget

Solution

The 'to' should not be there in the given sentence.

If anyone dared suggest that he or she was not against women but only against reservation, nobody was willing to listen​

Hence the last option is the most suitable option

Dared is generally used with the first form of verb, as suggest is the verb in this case. Other examples would be;

Dared count, dared try, dared fail

Q15

4

Solution

There is no error in the given statement, as there are no grammatical errors in it.

Q16

of

Solution

The appropriate preposition for the word diffident would be "of"

Q17

obviously

Solution

Correct answer: Obviously

 We can use obviously to introduce a fact that is obvious, easy to see or understand.

Q18

across

Solution

Across means on the other side of something, or from one side to the other of something which has sides or limits such as a city, road or river.

Q19

A and B

Solution

Sentence A says flowers have always played a part. Hence the reference can't be to one religious ceremony, it must be 'ceremonies' (plural).

In sentence B, their perfumes have a distinct 'effect' (a change which is a result of an action), not 'affect' (have an effect on).

The other sentences C and D are grammatically correct

Q20

The bullets could not hit the soldiers behind the rock.

Solution

As the sentence is written, it makes it seem like the bullets are behind the rock instead of the soldiers. The sentence needs to be reworded to clarify the sentence, and make it clear who is hiding where and from what. The answer choice that does this best is "The bullets could not hit the soldiers behind the rock."

Section 2 - Q&R

Q1

7000000

Solution

Based on the formula, If X is the population in 1920, -

then population in 1923 = X × (107/100)3 = 8575301

=> X = 7000000.

Q2

5.28 minutes

Solution

Time taken to meet for the first time= 726/{(4.5 + 3.75)\*5/18}= 316.8 seconds

Time(in Mins)= 316.8 / 60= 5.28 minutes

Q3

360°

Solution

In ΔACE

∠A + ∠C + ∠E = 180°

Similarly in ΔDFB

∠D + ∠F + ∠B = 180°

∴ (∠A + ∠C + ∠E) + (∠D + ∠F + ∠B) = 360°

∠A + ∠B + ∠C + ∠D + ∠E + ∠F = 360°

Q4

O4T

Solution

G is coded as J (+3)

S is coded as P (-3)

Similarly L4X is coded as O4T

Q5

ETUPMOCR

Solution

All the letters of the word, except the last letter, are written in a reverse order to obtain the code.

Q6

Thursday

Solution

27th October 1983 => 1982 completed years.

1982 can be split as 1600 + 300 + 82

1600 years => 0 odd days;

300 years = 1 odd day and 82 years => 20 leap years and 62 non-leap years.

20 leap years consists of 40 or 20 × 2 = 40 odd days or 5 odd days.

62 non-leap years consists of 62 × 1 = 62 odd days or 6 odd days.

∴ A total of 0 + 1 + 5 + 6 = 5 odd days in 1982 years.

In the year 1983,

Month : Jan Feb Mar Apr May Jun

No of days : 31 28 31 30 31 30

Odd days : 3 + 0 + 3 + 2 + 3 + 2 = 13 odd days = 6 odd days

Month : Jul Aug Sep Oct

No of days : 31 31 30 27

Odd days : 3 + 3 + 2 + 6 = 0 odd days

5 + 6 = 4 odd days

Hence, 27th October 1983 is Thursday.

Q7

2(a + 3b)/5

Solution

Given logn48 = 4logn2 + logn3 = a and

logn108 = 2.logn2 + 3logn3 = b

Let logn 2 = X and logn3 = Y

=> 4X + Y = a

2X +3Y = b

2 x (ii) - (i) gives

6Y - Y = 2b - a

Y = (2b - a)/5

Similarly, X = (3a - b)/10

logn1296 = 4(logn2 + logn3)

= 4[(2b - a)/5 + (3a - b)/10]

= 4[(a + 3b)/10] = 2(a + 3b)/5

Q8

3

Solution

All four segments use the same figures: two squares, one circle, and one triangle. In the first segment, the squares are on the outside of the circle and triangle. In the second segment, the squares are below the other two. In the third segment, the squares on are the inside. In the fourth segment, the squares are above the triangle and circle.

Q9

243 litres

Solution

Initial honey =729

at last =64

After removal and replacement,

Final Concentration = Initial Concentration [ 1 - (R/Tq)] n

R - Quantity removed and replaced; TQ = Total quantity; n = Number of times replaced

64 = 729(1 - a/729)6

64/729 =(729 – a/729)6

(2/3) =(729 –a)/729

729 –a =486

a =243

Q10

2884

Solution

All the four options are divisible by 7.

The number should leave the remainder when divided by 16, 18, 20.

LCM of 16, 18, 20 is 720.

Only the option (2884) leaves remainders 4 when divided by 720.

Q11

25

Solution

Here the voter can vote for 1 ,2 or 3 members out of 5 members

If voter vote for 1 =5C1=5 ways

If voter vote for 2 =5C2=10 ways

If voter vote for 3 =5C3=10 ways

total number of ways=5+10+10=25 ways

Q12

1

Solution

Now, this is a peculiar type of flattened cube. However, the rules to solve the questions remain the same. Now, if you want to find the face that is opposite to the face with 2, you should consider it as the base. So, the top face (opposite face) will be the 1.

Q13

744, 792, 840

Solution

HCF of the given numbers = 24

Ratio of those numbers = 31 : 33 : 35

From the given statement, HCF is 24. hence, each number should be a multiple of 24.

Multiply the ratio by 24 we get,

24 (31: 33: 35) = 744 : 792 ; 840.

Q14

if both the statements(A) and (B) are individually sufficient to solve the question.

Solution

Statement (A): Since X, Y and Z are positive, both sides of the equation can be multiplied by X/Z to produce the identical equation X = Y/Z2.

Statement (B) is also an equivalent equation, which can be seen by squaring both sides of the equation and then solving for X. Hence each statement gives sufficient information.

Q15

(22/7) × (45)2 cm2

Solution

We know that, Perimeter of a Square = 4S

Where, S = Side of the square

⇒ 360 = 4S

⇒ S = 360/4 = 90 cm

Radius of the greatest circle inscribed in a square of side S, R = S/2 = 90/2 = 45 cm

Area of greatest circle, which can be inscribed in a square whose perimeter is 360 cm = πR2 = (22/7) × (45)2 cm2

∴ Area of greatest circle, which can be inscribed in a square whose perimeter is 360 cm =(22/7) × (45)2 cm2

Section 3 - TECHNICAL

Q1

2

Solution

No Solution

Q2

Error

Solution

No Solution

Q3

Hello

WorldWorldWorldWorldWorld

Solution

No Solution

Q4

4 3

Solution

No Solution

Q5

It reads all the lines from a file as a Stream

Solution

No Solution

Q6

The matrix A itself

Solution

No Solution

Q7

Original string is: Test String

After string set: ####################�

Solution

No Solution

Q8

6 4 8 7 1 9

Solution

No Solution

Q9

No output

Solution

No Solution

Q10

It is the ability for a message/data to be processed in more than one form

Solution

No Solution

Q11

Solution

import java.util.Scanner ;

class Main

{

public static String reverseWords(String s) {

int lastSpaceIndex = -1;

char[] chArray = s.toCharArray();

int len = s.length();

for (int strIndex = 0; strIndex <= len; strIndex++) {

if (strIndex == len || chArray[strIndex] == ' ') {

int startIndex = lastSpaceIndex + 1;

int endIndex = strIndex - 1;

while (startIndex < endIndex) {

char temp = chArray[startIndex];

chArray[startIndex] = chArray[endIndex];

chArray[endIndex] = temp;

startIndex++;

endIndex--;

}

lastSpaceIndex = strIndex;

}

}

return new String(chArray);

}

public static void main(String args[])

{

Scanner sc = new Scanner(System.in) ;

String s = sc.nextLine() ;

System.out.println(reverseWords(s)) ;

}

}

Q12

Solution

# Function to check if consecutive integers form a list

def isConsecutive(A):

# base case

if len(A) <= 1:

return True

# compute the minimum and maximum element in a list

minimum = min(A)

maximum = max(A)

# for a list to contain consecutive integers, the difference between

# the maximum and minimum element in it should be exactly `n-1`

if maximum - minimum != len(A) - 1:

return False

# create an empty set (we can also use a visited list)

visited = set()

# traverse the list and checks if each element appears only once

for i in A:

# if an element is seen before, return false

if i in visited:

return False

# mark element as seen

visited.add(i)

# we reach here when all elements in the list are distinct

return True

if \_\_name\_\_ == '\_\_main\_\_':

A=[]

n=int(input())

for x in range(0,n):

ele=int(input())

A.append(ele)

if isConsecutive(A):

print("The array contains consecutive integers")

else:

print("Array do contain consecutive not integers")

Top of Form

Bottom of Form

Top of Form

Bottom of Form