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80 Questions

Que. 1 **Directions:** Study the following information and answer the given questions.

Eight players have their matches on 15th and 26th of four months among January, April, October and December. W is one of the player. Two players have matches between P and Q. R has match on 26th April and immediate before P. T's match is immediately before S's match. U's match is immediately after V's match but not in the same month. S has match in the month, which has 30 days.

How many players have matches after R?

1. Three
2. Four
3. One
4. Five
5. Two

Correct Option - 2

Que. 2 Who among the following players has match on 15th October?

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

Correct Option - 1

Que. 3 Which among the following is true with respect to the given arrangement.

1. W has match on 26th April
2. Two people have matches between S and V
3. P and W have match in the same months.
4. Q has match on 15th January
5. Q has the match in the month which have 30 days.

Correct Option - 2

Que. 4 Who among the following player has match in the same month in which V has match?

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

Correct Option - 4

Que. 5 Four of the given five are alike in a certain way based on the given arrangement and hence form a group. Which of them does not belong to that group?

1. T
2. R
3. V
4. Q
5. S

Correct Option - 5

Que. 6 **Direction:** Study the following series of sets of numbers. Carefully answer the question given below.

525 852 347 293 174

What will be the number obtained if second digit of the smallest number is multiplied with second digit of the largest number?

1. 40
2. 25
3. 20
4. 35
5. 30

Correct Option - 4

Que. 7 If one is subtracted from first and third digit from each number and then both are interchanged, then which among them is second lowest number?

1. 852
2. 174
3. 347
4. 525
5. 293

Correct Option - 5

Que. 8 If second and third digit of each number is interchanged, then how many prime numbers are there in the given series?

1. Two
2. Three
3. Four
4. One
5. Zero

Correct Option - 4

Que. 9 What will be number obtained if 2nd digit of third highest number is added with 3rd digit of the smallest number?

1. 8
2. 9
3. 10
4. 11
5. 12

Correct Option - 1

Que. 10 If in each number three digits are arranged in ascending order then which of the following is 2nd largest number?

1. 525
2. 347
3. 293
4. 174
5. 852

Correct Option - 5

Que. 11 **Direction:** In the following question assuming the given statements to be True, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements: $E > R \geq A > B$; $T \leq X \leq B$

Conclusions:

- I. $E \geq T$
- II. $X < R$

1. Only II is True
2. Neither I nor II is True
3. Both I and II are True
4. Either I or II is True
5. Only I is True

Correct Option - 1

Que. 12 **Direction:** In the following question assuming the given statements to be true, find which of the conclusion(s) among given conclusions is/are definitely true and then give your answers accordingly.

Statements:

$F \geq E = J = K$, $R = K \geq T$

Conclusions:

- I. $T < F$
- II. $F = T$

1. Only conclusion I follows
2. Only conclusion II follows
3. Both conclusions I and II follow
4. Either conclusion I or II follows
5. None follows

Correct Option - 4

Que. 13 **Direction:** In the following question assuming the given statements to be true, find which of the conclusion(s) among given conclusions is/are definitely true and then give your answers accordingly.

Statements:

$$P < D \leq E < K, J = E \leq Z$$

Conclusions:

I. $P < J$

II. $D \leq Z$

1. Only conclusion I follows.
2. Only conclusion II follows.
3. Both conclusions I and II follow.
4. Either conclusion I or II follows.
5. None follows.

Correct Option - 3

Que. 14 **Direction:** Study the following information carefully and answer the given questions.

In a certain code language,

‘try room hidden paper’ is written as ‘pna drs qut eli’

‘paper cancel track time’ is written as ‘btr axt eli sns’

‘track try room land’ is written as ‘pna xyn qut btr’

‘try time shut down’ is written as ‘lmo sns cef qut’

What does ‘sns’ mean in the coded language?

1. hidden
2. time
3. room
4. land
5. try

Correct Option - 2

Que. 15 What is the code of ‘shut down’?

1. xyn btr
2. qut eli

3. axt sns
4. pna drs
5. lmo cef

Correct Option - 5

Que. 16 What is the code of 'hidden'?

1. drs
2. qut
3. eli
4. axt
5. cef

Correct Option - 1

Que. 17 What is the code of 'land'?

1. btr
2. cef
3. drs
4. xyn
5. qut

Correct Option - 4

Que. 18 In the coded language, _____ is coded as 'axt'.

1. paper
2. down
3. cancel
4. time
5. track

Correct Option - 3

Que. 19 **Directions:** Study the information given below carefully and answer the questions that follow.

Mira started her journey from point J. Point J is 4 feet east of point K. Point P is 4 feet west of point Q. Point P is 10 feet north of point J. Point S is 10 feet south of point Q. Point R is the midpoint of the path Q and S. Point U is 5 feet north to point V. Point R is 4 feet west of point U.

What is the distance between the point K and S?

1. 10 feet
2. 16 feet
3. 4 feet

- 8 feet
- 15 feet

Correct Option - 4

Que. 20 What is the distance between point K and V?

- 15 m
- 12 feet
- 18 feet
- 12 m
- 30 feet

Correct Option - 2

Que. 21 In what direction is S with respect to U?

- North - East
- South - West
- East
- West
- Cannot be determined

Correct Option - 2

Que. 22 If in the number, "78546932", the digits are arranged in the descending order, then how many digits remain in the same position in the new number formed?

- None
- Three
- One
- Two
- More than three

Correct Option - 2

Que. 23 **Directions:** Read the instructions carefully and answer the question below:

There are seven people i.e. T, U, V, W, X, Y and Z who attended Yoga sessions on different days of the same week from Monday to Sunday but not necessary in same order.

One person attended the session between U and X. Three persons attended the yoga sessions between T and Y. Y attended the sessions before W. X attended the session one of the days after V. T attended the session on one of the days before Thursday. No two persons attend the session immediately before or immediately after according to English alphabet (i.e. T does not attend the session immediately before or after U).

How many persons attend Yoga session between Z and W?

- One
- Four

3. Three
4. Five
5. Two

Correct Option - 5

Que. 24 Who attend Yoga session on Friday?

1. V
2. U
3. X
4. T
5. Z

Correct Option - 2

Que. 25 When does V attend Yoga session?

1. Monday
2. Tuesday
3. Wednesday
4. Thursday
5. Friday

Correct Option - 1

Que. 26 How many persons attend session after U?

1. One
2. Four
3. Three
4. Five
5. Two

Correct Option - 5

Que. 27 Which of the following statement(s) is / are correct?

- i) X attends the Yoga session on Wednesday.
- ii) Two persons attend Yoga session between T and X.
- iii) W attends the Yoga session on Sunday.

1. Only statement I is correct.
2. Only statement II is correct.
3. Only statement III is correct.
4. Both statements I and III correct.
5. Both statements I and II correct.

Correct Option - 4

Que. 28 If it is possible to make a meaningful word with the 2nd, 5th, 6th and 8th letters of the word "SHORTAGE", which of the following will be the second letter of that word? If more than one such word can be formed, give 'X' as the answer and if no such word can be formed, give 'Y' as the answer.

1. H
2. E
3. G
4. X
5. Y

Correct Option - 4

Que. 29 **Direction:** Study the following information carefully and answer the questions following it.

There are eight person P, Q, R, S, T, U, V and W sitting on a square table but not necessarily in the same order. Four of them are sitting on the middle side of the table facing inside and the rest of them are sitting at the corners of the table facing outside. Q and R sit opposite to each other where Q is not sitting next to V. Three persons are sitting between U and P. S sits second to the right of V. V is sitting at the corner. Two people are sitting between P and T. U sits fifth to the right of S.

Who among the following is sitting to the immediate left of T?

1. W
2. U
3. P
4. V
5. Q

Correct Option - 5

Que. 30 Which of the following are sitting at the corners?

1. WQTU
2. WTVS
3. RSPU
4. PSRV
5. UTQW

Correct Option - 2

Que. 31 From the left of P, how many persons are sitting between P and V?

1. Two
2. Three
3. Four

4. Five
5. None of these

Correct Option - 3

Que. 32 Which of the following is true?

1. P is sitting opposite to V
2. S is sitting to the immediate left of U
3. T and S are sitting at the corners
4. P and U are sitting at the corners
5. None of these

Correct Option - 3

Que. 33 Which among the following pairs sits opposite to each other?

1. U, W
2. S, Q
3. W, V
4. P, S
5. Q, T

Correct Option - 3

Que. 34 **Direction:** In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

All lake is river.

Only a few river is ocean.

Conclusions:

I. Some lake is ocean.

II. Some lake is not ocean.

1. Only conclusions I follow
2. Only conclusion II follow
3. Either I or II follows
4. Neither I nor II follows
5. Both I and II follow

Correct Option - 4

Que. 35 **Directions:** In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with

commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

At least some Video are Online.

Some Online are not Youtube.

Conclusions:

I. Some Online are not Video.

II. All Online are Youtube.

1. Only I follow
2. Only II follow
3. Either I or II follows
4. Neither I nor II follows
5. Both I and II follows

Correct Option - 4

Que. 36 **Directions:** In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Only a few Earphones are Headset.

Some Headset are Backpack.

Conclusions:

I. All Headset are Earphones.

II. No Backpack is Headset.

1. Only I follow
2. Only II follow
3. Both I and II follow
4. Either I or II follows
5. Neither I nor II follows

Correct Option - 5

Que. 37 How many pair of letters are there in the word "SANITY" which has as many letters (in both forward and backward direction) in between as they have in the English alphabet series?

1. One
2. Three
3. Four
4. Two
5. No pair formed

Correct Option - 5

Que. 38 **Directions:** These questions are based on the following information.

There are six member in the family - R, S, A, K, G and P. S is married to A who is mother of G. R is sister-in-law of A. K is grandson of P and only son of R. P has one granddaughter.

Which of the following statement is incorrect?

1. P is grandfather of G
2. G is cousin of K
3. S is maternal uncle of K
4. R is Paternal aunt of G
5. None of the given statement is correct

Correct Option - 1

Que. 39 How many male member are there in the family?

1. 2
2. 3
3. 1
4. 4
5. Cannot be determined

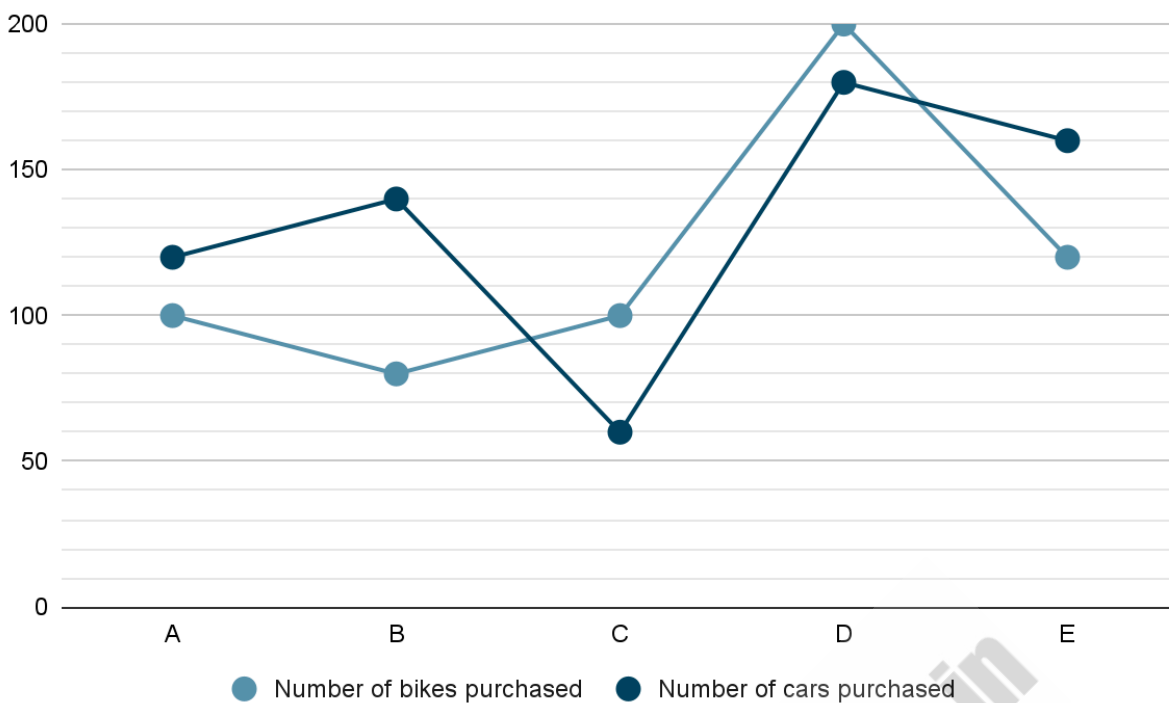
Correct Option - 5

Que. 40 How S related to P?

1. Son
2. Father
3. Grandfather
4. Aunt
5. cannot be determined

Correct Option - 1

Que. 41 **Directions:** The following line graph shows the number of cars and bikes purchased by the five different companies A, B, C, D and E.



If the number of bikes purchased by company E is 40 more than company F and the number of cars purchased by company F is 40 more than company E. Find the ratio between the number of bikes purchased in company E and F to the number of cars purchased to the company E and F.

1. 5: 7
2. 5: 9
3. 3: 5
4. 4: 3
5. 3: 8

Correct Option - 2

Que. 42 Find the difference between the average number of bikes purchased by all the companies and the average number of cars sold by all the companies A, B, C, D and E.

1. 16
2. 12
3. 14
4. 18
5. 22

Correct Option - 2

Que. 43 If the number of bikes purchased by the company D is increased by $x\%$ and the average number of bikes and cars purchased by the company D is 210. Find the value of x .

1. 30%
2. 15%

3. 25%
4. 20%
5. 35%

Correct Option - 4

Que. 44 $\frac{1}{5}$ th of the bikes purchased by the company C and $\frac{1}{3}$ rd of the cars purchased by the company C are at the discount price. Find the difference between the number of cars and bikes at the discount price.

1. 10
2. 5
3. 15
4. 0
5. 20

Correct Option - 4

Que. 45 If 20% , 30% of the bikes purchased by the companies A and B respectively are yamaha bikes and 25% and 20% of the cars purchased from the companies A and B are Tata. Find the number of Tata cars and yamaha bikes purchased from company A and B.

1. 116
2. 118
3. 102
4. 122
5. 126

Correct Option - 3

Que. 46 What will come in the place of question mark '?' in the following question?

$$\frac{1}{8} + \frac{16}{3} \times \frac{9}{2} - \frac{13}{4} \times \frac{23}{6} = ? \times \frac{5}{3}$$

1. 9
2. 5
3. 4
4. 7
5. None of these

Correct Option - 4

Que. 47 What will come in the place of the question mark '?' in the following question?

$$43 \times 45 + 43 \times 55 - 43 \times 30 = ?$$

1. 3010
2. 2010

3. 3030
4. 4010
5. None of these

Correct Option - 1

Que. 48 What will come in the place of the question mark '?' in the following question?

$$(175 - 25) + \sqrt{25} - 10 \times 6 = ?$$

1. 75
2. 85
3. 95
4. 105
5. 125

Correct Option - 3

Que. 49 What will come in the place of the question mark '?' in the following question?

$$(16900 \div 26) + (5^3 \text{ of } 10 \div 25) = ? \times 70$$

1. 20
2. 10
3. 11
4. 26
5. None of these

Correct Option - 2

Que. 50 What should come in the place of the question mark '?' in the following question?

$$427 - 11^2 + (32)^{2/5} + (9)^{3/2} - 35 \times 4 = ?$$

1. 164
2. 150
3. 197
4. 100
5. None of these

Correct Option - 3

Que. 51 What should come in the place of the question mark '?' in the following question?

$$150/25 - \sqrt{625} + 183/3 + 1.2 \times 50 = ?$$

1. 53
2. 48
3. 60

4. 56
5. None of these

Correct Option - 5

Que. 52 What should come in the place of the question mark '?' in the following question?

$$(\sqrt{0.1024}) + (\sqrt{0.2401}) + (\sqrt{0.1225}) - (\sqrt{0.6400}) = (?)^2$$

1. 0.36
2. 0.6
3. 0.216
4. 0.66
5. None of these

Correct Option - 2

Que. 53 What will come in the place of the question mark '?' in the following question?

$$(256)^{3/4} \div [1/(8)^{1/3}] \times 64^{0.5} = 2^?$$

1. 12
2. 11
3. 10
4. 9
5. 14

Correct Option - 3

Que. 54 What will come in the place of the question mark '?' in the following question?

$$125\% \text{ of } 120 + 55\% \text{ of } 460 - 21 \div 7 = 250\% \text{ of } ?$$

1. 60
2. 100
3. 400
4. 200
5. 160

Correct Option - 5

Que. 55 What will come in place '?' in the following question?

$$(? \div 7 \div 5) \times 25 + 125 = 750$$

1. 35
2. 875
3. 725
4. 25

5. None of these

Correct Option - 2

Que. 56 What will come in the place of the question mark '?' in the following question?

$$17\frac{1}{3} + 21\frac{1}{2} = 33\frac{1}{3}\% \text{ of ?}$$

1. 201.5
2. 108.4
3. 116.5
4. 118.9
5. 115.3

Correct Option - 3

Que. 57 What will come in the place of the question mark '?' in the following question?

$$(8)^{-3} \times (2)^5 \times (4)^5 \div \{(2)^4 \times (4)^4\} = (8)^{?/2}$$

1. 1
2. -4
3. 4
4. -3
5. 2

Correct Option - 2

Que. 58 What will come in the place of the question mark '?' in the following question?

$$\sqrt{(11^3 - 31 + 12^2)} \div \sqrt{(6^2 \times 10 + 5^2 - 2^3 \times 3)} = ?$$

1. 1
2. 6
3. 4
4. 8
5. 2

Correct Option - 5

Que. 59 What will come in the place of the question mark '?' in the following question?

$$(256)^{1/2} \times (4)^3 \times (216)^{1/3} \div 48 = 2^?$$

1. 3
2. 4
3. 6
4. 0

5. 7

Correct Option - 5

Que. 60 What should come in the place of the question mark '?' in the following question?

$$\sqrt[3]{2197} + \sqrt[3]{1728} + \sqrt[3]{3375} = 8 \times ?$$

1. 4
2. 6
3. 5
4. 7
5. None of these

Correct Option - 3

Que. 61 Directions: The following table shows the number of magazines sold by the four different persons A, B, C and D in three different years 2010, 2011 and 2012.

Name of persons	Number of magazine sold in 2010	Number of magazine sold in 2011	Number of magazine sold in 2012
A	20	18	12
B	16	24	15
C	30	14	21
D	25	15	10

Cost of each magazine in 2010 is Rs. x and in 2012 it is increased by 50% if the total revenue generated by person A by selling magazine in 2010 and 2012 is Rs. 380. Find the value of x.

1. 20
2. 10
3. 15
4. 12
5. 16

Correct Option - 2

Que. 62 If $\frac{1}{4}$ th of the magazines sold by person B in 2010 and $\frac{1}{7}$ rd of the number of magazines sold by person C in 2012 is what percentage of the total number of magazines sold by person C in all the years.

1. 13.56%
2. 12.56%
3. 10.76%
4. 18.76%

5. 16.55%

Correct Option - 3

Que. 63 Find sum of the $\frac{1}{7}$ th of the number of magazines sold by person C in 2011 and $\frac{1}{5}$ th of the number of magazines sold by person D in 2010.

1. 11
2. 5
3. 7
4. 9
5. 6

Correct Option - 3

Que. 64 If the number of magazines sold by shop E in 2010 is 20% more than the number of magazines sold by person C in 2010 and the number of magazines sold by person E in 2011 and 2012 is increased by 25% and 20% respectively with respect to previous years. Find the total number of magazines sold by shop E.

1. 150
2. 130
3. 135
4. 110
5. 100

Correct Option - 3

Que. 65 If the number of magazines sold by person A in 2010 is increased by $x\%$ then the total number of magazines sold by person A in all the three years is 55. Find the value of x .

1. 20%
2. 15%
3. 25%
4. 12%
5. 18%

Correct Option - 3

Que. 66 What should come in place of the question mark '?' in the following number series?
9, 28, 126, 344, ?, 2198

1. 730
2. 1332
3. 1001
4. 513
5. 1101

Correct Option - 2

Que. 67 What should come in place of question mark '?' in the following number series?
4, 9, 25, 49, ?, 169

1. 81
2. 121
3. 100
4. 125
5. 96

Correct Option - 2

Que. 68 What should come in place of question mark '?' in the following number series?
14, 26, 50, 98, 194, ?

1. 475
2. 369
3. 386
4. 430
5. 285

Correct Option - 3

Que. 69 What will come in place of '?' in the following number series?
18, 18, 36, 108, 432, ?

1. 1728
2. 1296
3. 1784
4. 1260
5. 2160

Correct Option - 5

Que. 70 A mixture of spirit and water measure 90 litres. It contains 20% water. How much water should be added to it so that water may be 50%?

1. 50 litres
2. 60 litres
3. 54 litres
4. 70 litres
5. None of these

Correct Option - 3

Que. 71 The average age of 28 students in a class is 15. If the teacher's age is included, the average increases by one. The age of the teacher is :

1. 25 years
2. 30 years
3. 44 years
4. 40 years
5. 46 years

Correct Option - 3

Que. 72 A sum of money at simple interest amounts to Rs. 15950 in 2 years. If the rate of interest is increase by 60%, amount becomes Rs. 16820 in the same time period. The rate of interest is?

1. 5%
2. 6.5%
3. 7%
4. 8%
5. None of these

Correct Option - 1

Que. 73 Two vessels contain milk and water mixed respectively in the ratio 3 : 5 and 5 : 3. Find the ratio in which these are to be mixed to get a new mixture in which the ratio of milk to water is 3 : 4.

1. 11 : 3
2. 7 : 3
3. 8 : 5
4. 10 : 9
5. 11 : 6

Correct Option - 1

Que. 74 Bani started a business by investing Rs. 55000 and after 5 months Sandeep joined the business. After a year, the profit between Bani and Sandeep is in a ratio of 11 : 14. What is the amount invested by Sandeep?

1. Rs. 1,00,000
2. Rs. 1,10,000
3. Rs. 1,20,000
4. Rs. 1,40,000
5. None of these

Correct Option - 3

Que. 75

The marked price of the goods for a shopkeeper was X. He marked them at a 20% higher price than the Cost price. Finally he sold the goods at 30% discount. Did he earn a profit or incur a loss percentage?

1. 5.5% Profit
2. 10% Profit
3. 16% Loss
4. 5% Loss
5. 10% Loss

Correct Option - 3

Que. 76 The ages of three boys are consecutive odd numbers. The ratio of the ages of the youngest and the oldest 5 years ago was 4 : 5. Find the age of the middle one, two years hence.

1. 27 years
2. 21 years
3. 24 years
4. 25 years
5. 23 years

Correct Option - 4

Que. 77 The area of a rectangle is thrice the area of a square. One side of the square is 4 cm, which is equal to the breadth of the rectangle. Find the length of the rectangle.

1. 10
2. 14
3. 12
4. 20
5. None of these

Correct Option - 3

Que. 78 A boat can cover a distance of 48 km in 3 hours in still water. If the speed of the current is 4 km/hr, then find the difference of time of boat to cover the same distance upstream?

1. 2 hour
2. 3 hour
3. 4 hour
4. 1 hour
5. None of these

Correct Option - 4

Que. 79 Two pipes A and B can fill a tank in 4 hours together. If these pipes are opened separately, pipe B takes 6 hours more than pipe A. Find the time required by pipe A to fill the tank alone.

1. 3 hrs
2. 6 hrs
3. 12 hrs
4. 9 hrs
5. None of these

Correct Option - 2

Que. 80 **Direction:** Find the missing number in the following number series.

67, 82, 98, 118, 147, ?

1. 182
2. 198
3. 174
4. 192
5. 188

Correct Option - 4



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