Apti quiz

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Questions

6 digit number is 123xyz is completely divisible by 7,11 and 13 than find x+y+z= ?   1 point

○ 0

◉ 1

○ 2

○ 3

Clear selection

Find the least number which will leaves remainder 5 when divided by 8, 12, 16 and 20.   1 point

○ 240

◉ 245

○ 265

○ 235

Clear selection

The unit digit in 43 * 69 * 551 * 9242 is ?   1 point

○ 6

○ 2

◉ 4

○ None of these

Clear selection

Which of the following remains if 17200 is divided by 18?   1 point

○ 17

○ 16

◉ 1

○ 2

Clear selection

What is the least number of soldiers that can be drawn up in troops of 12, 15,   1 point
18 and 20 soldiers and also in form of a solid square?

◉ 900

○ 400

○ 1600

○ 2500

Clear selection

The product of two numbers is 9375 and quotient is 15. What is the sum of the numbers?   1 point

○ 350

◉ 400

○ 450

○ 500

Clear selection

Ravi left home and cycled 10 km towards South, then turned right and cycled   1 point
5 km and then again turned right and cycled 10 km. After this he turned left
and cycled 10 km. How many kilometers will he have to cycle to reach his
home straight?

○ 10Km

○ 15Km

○ 20Km

◉ 25Km

Clear selection

Swagat walks towards North for 15 m and from there he goes right-hand side   1 point
for 10 m and again turns right-hand side for 5 m. He is in which direction?

○ North-west

○ North-East

○ East

◉ South

Clear selection

On dividing a number by 5, we get remainder as 3. What will be the remainder when the square of this number is divided by 5?   1 point

○ 3

○ 0

○ 1

◉ 4

Clear selection

Rishikesh started walking towards South. After walking 6vkm, he turned   1 point
towards left-hand side and walked 8 km. He then turned left-hand side and
walked 6 km. He again turned left-hand side and walked 10km. How far is he
from his initial position?

○ 5km

○ 4Km

○ 1Km

◉ 2Km

Clear selection

Reena walked from A to B in the East 10 feet. Then she turned to the right   1 point
and walked 3 feet. Again she turned to the right and walked 14 feet. How far
is she from A?

○ 4 feet

◉ 5 feet

○ 24 feet

○ 27 feet

Clear selection

Sangram started walking towards South. After walking 10 km, he turned   1 point
towards right-hand side and walked 20 km. He then turned right-hand side
and walked 10 km. He again turned right-hand side and walked 25km. How
far is he from his initial position?

◉ 5Km

○ 4Km

○ 10Km

○ 20Km

Clear selection

Which of the numbers is exactly divisible by 11?   1 point

◉ 415591

○ 6472

○ 3364

○ 413976

Clear selection

Which of the following Number is completely divisible by 11?   1 point

○ 107604

◉ 98637

○ 116571

○ 80703

Clear selection

Saif started to move towards South-East direction in an open field and stopped after moving 100m. Now he turned to his right-hand side and moved 75 m. How much minimum distance he has to cover to reach his starting point?

1 point

○ 110Km

○ 130Km

○ 121Km

● 125Km

Clear selection

How many terms are there in 2, 4, 8, 16,..., 1024?

1 point

○ 14

○ 11

○ 12

● 10

Clear selection

Rajesh started walking towards North. After walking 4 km, he turned towards right-hand side and walked 4 km. He then turned right-hand side again and walked 4 km. Finally, he again turned right-hand side and walked 6km. How far is he from his initial position?

1 point

○ 5km

○ 4Km

○ 1Km

● 2Km

Clear selection

Two numbers are in the ratio 3: 4. If their LCM is 240, the smaller of two number is   1 point

○ 100

○ 80

◉ 60

○ 50

Clear selection

P started from his house towards west. After walking a distance of 25 m. He turned to the right and walked 10 m. He then again turned to the right and walked 15 m. After this he is to turn right at 135o and to cover 30 m. In which direction should he go?   1 point

○ Option 1

○ Option 2

○ South-West

◉ South-East

Clear selection

If p is a natural number, then (6p^2 + 6p) is always divisible by?   1 point

○ 12 only

◉ both 6 and 12

○ 15 only

○ 18 only

Clear selection

Find the sum to 200 terms of the series 1 + 4 + 6 + 5 + 11 + 6 + ...   1 point

○ 30,200

○ 29,800

○ 30,400

◉ None of these

                                                                    Clear selection

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The digit in unit's place of the product 71 × 72 × ..... × 79 is....   1 point

○ 2

◉ 0

○ 6

○ 8

                                                                    Clear selection

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4^61 + 4^62 + 4^63 + 4^64 is divisible by: ?   1 point

○ 3

○ 13

◉ 10

○ 11

                                                                    Clear selection

$2^{16} - 1$ is divisible by ?

1 point

○ 11

○ 13

○ 17

○ 19

The sum of first 49 natural numbers is ?

1 point

○ 1280

◉ 2070

○ 1225

○ 1215

Clear selection

Tapan started walking towards North. After walking 4 km, he turned righthand side and walked for 4 km. He then turned right-hand side again and walked for 4 km. Finally, he again turned right-hand side and walked for 6km. How far is he from his starting position?

1 point

○ 5Km

○ 4Km

○ 1Km

○ 2Km

The number of prime factors in the expressions 6^4 x 8^6 x 10^8 x 12^10 is: 1 point

○ 80

○ 64

○ 72

○ 48

The unit digit in the product (636 x 924 x 368)?   1 point

○ 5

○ 7

○ 2

○ 1

One morning after sunrise, Vimal started to walk. During this walking he met   1 point
Stephen who was coming from opposite direction. Vimal watch that the
shadow of Stephen to the right of him (Vimal). To Which direction Vimal was
facing?

○ East

○ West

○ South

○ Data inadequate

If p is prime number, then which of the following may also be a prime number?

1 point

○ 2p

○ 3p

○ (p-3)

○ (p-2)

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