

Apti quiz

Total points 17/30 ?

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Questions

17 of 30 points



✗ 6 digit number is 123xyz is completely divisible by 7,11 and 13 than find $x+y+z= ?$ 0/1

☐ 0

☒ 1

☐ 2

☐ 3

✗

Correct answer

☒ 2

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

☐ 240

☒ 245

☐ 265

☐ 235

✓

✓ The unit digit in $43 * 69 * 551 * 9242$ is ? 1/1

☐ 6

☐ 2

☒ 4

☐ None of these

✓



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

1/1

- ☐ 17
- ☐ 16
- ☒ 1
- ☐ 2



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

- ☒ 900
- ☐ 400
- ☐ 1600
- ☐ 2500



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

- ☐ 350
- ☒ 400
- ☐ 450
- ☐ 500



✗ Ravi left home and cycled 10 km towards South, then turned right and cycled 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?

0/1

- ☐ 10Km
- ☐ 15Km
- ☐ 20Km
- ☒ 25Km

✗

Correct answer

- ☒ 15Km

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

0/1

- ☐ North-west
- ☐ North-East
- ☐ East
- ☒ South

✗

Correct answer

- ☒ North-East



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

1/1

☐ 3☐ 0☐ 1☒ 4

✓ Rishikesh started walking towards South. After walking 6vkm, he turned 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?

1/1

☐ 5km☐ 4Km☐ 1Km☒ 2Km

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

1/1

☐ 4 feet☒ 5 feet☐ 24 feet☐ 27 feet

✓ Sangram started walking towards South. After walking 10 km, he turned 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? 1/1

- ☒ 5Km
- ☐ 4Km
- ☐ 10Km
- ☐ 20Km



✓ Which of the numbers is exactly divisible by 11? 1/1

- ☒ 415591
- ☐ 6472
- ☐ 3364
- ☐ 413976



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

- ☐ 107604
- ☒ 98637
- ☐ 116571
- ☐ 80703



✓ 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? 1/1

- ☐ 110Km
- ☐ 130Km
- ☐ 121Km
- ☒ 125Km



✓ How many terms are there in 2, 4, 8, 16,..., 1024? 1/1

- ☐ 14
- ☐ 11
- ☐ 12
- ☒ 10



✗ 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?

0/1

☐ 5km☐ 4Km☐ 1Km☒ 2Km

✗

Correct answer

☒ 5km

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

1/1

☐ 100☐ 80☒ 60☐ 50

✓



✗ P started from his house towards west. After walking a distance of 25 m. 0/1
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 135° and to cover 30 m. In which direction should he go?

- ☐ west
- ☐ south
- ☐ South-West
- ☒ South-East

✗

Correct answer

- ☒ South-West

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

1/1

- ☐ 12 only
- ☒ both 6 and 12
- ☐ 15 only
- ☐ 18 only

✓



✗ Find the sum to 200 terms of the series $1 + 4 + 6 + 5 + 11 + 6 + \dots$

0/1

- ☐ 30,200
- ☐ 29,800
- ☐ 30,400
- ☒ None of these

✗

Correct answer

- ☒ 30,200

✓ The digit in unit's place of the product $71 \times 72 \times \dots \times 79$ is....

1/1

- ☐ 2
- ☒ 0
- ☐ 6
- ☐ 8

✓

✓ $4^{61} + 4^{62} + 4^{63} + 4^{64}$ is divisible by: ?

1/1

- ☐ 3
- ☐ 13
- ☒ 10
- ☐ 11

✓



✗ $2^{16} - 1$ is divisible by ?

0/1

- ☐ 11
- ☐ 13
- ☐ 17
- ☐ 19

✗ The sum of first 49 natural numbers is ?

0/1

- ☐ 1280
- ☒ 2070
- ☐ 1225
- ☐ 1215

✗

Correct answer

- ☒ 1225



✗ 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? 0/1

☐ 5Km

☒ 4Km

☐ 1Km

☐ 2Km

Correct answer

☒ 2Km

✗

✗ The number of prime factors in the expressions $6^4 \times 8^6 \times 10^8 \times 12^{10}$ is: 0/1

☒ 80

☐ 64

☐ 72

☐ 48

Correct answer

☒ 72

✗



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

0/1

☒ 5

✗

☐ 7

☐ 2

☐ 1

Correct answer

☒ 2

✗ One morning after sunrise, Vimal started to walk. During this walking he met 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?

0/1

☒ East

✗

☐ West

☐ South

☐ Data inadequate

Correct answer

☒ South



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

0/1

☒ $2p$

✗

☐ $3p$

☐ $(p-3)$

☐ $(p-2)$

Correct answer

☒ $(p-2)$

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