GENERAL APTITUDE (APTITUDE PART) /SET 1

PART A

S is a set of numbers from 1 to 25, having only 2 factors. How many numbers exists in that set?

- a)8
- b) 9
- c) 10
- d) 11

Clear selection

How many prime numbers are there below 43, 51, 101, 49, 91, 102, 135

- a)3
- b) 4
- c) 5
- d) 6

Clear selection

ABC = 252, (A,B,C) all are coprime to each other , Find A+B+C

- (●) a) 20
- ( ) b) 21
- ( ) c) 23
- ( ) d) None of these

Clear selection

How many sets are coprime below(1,100), (25,26), (91,92) ,(11,12,13), (17,49), (20,21)

- ( ) a)3
- ( ) b) 4
- ( ) c) 5
- (●) d) 6

Clear selection

Write the following fractions in ascending order. 11/13, 7/9, 13/15, 21/23, 18/20

- ( ) a) 18/20 < 7/9 < 11/13 < 13/15 < 21/23
- ( ) b) 7/9 < 13/15 < 11/13 < 18/20 < 21/23
- (●) c) 7/9 < 11/13 < 13/15 < 18/20 < 21/23
- ( ) d) 21/23 < 18/20 < 13/15 < 11/13 < 7/9

Clear selection

Write the following in the descending order 13/14, 18/21, 15/12, 20/23, 40/41

- a) 15/12 > 40/41 > 20/23 > 18/21 > 13/14
- b) 15/12 > 40/41 > 13/14 > 20/23 > 18/21
- c) 40/41> 20/23 > 18/21 > 15/12 > 13/14
- d) 40/41 > 15/12> 20/23 > 18/21 > 13/14

Clear selection

Convert decimal into fraction , 0.7676767676.....

- a) 76/100
- b) 76/90
- c) 76/99
- d)76/9

Clear selection

Convert fraction into decimal : 4/9

- a) 0.4444444....
- b) 0.49494949...
- c) 0.04040404...
- d) 0.44444

Clear selection

Convert decimal into fraction 0.987676767676.....

- a) 9876/9999
- b) 9876/9990
- c) 9778/9999
- d) 9778/9900

Clear selection

789546746*, if the number is divisible by 8, what number should come in the place of *

- a) 2
- b) 4
- c) 6
- d) 8

Clear selection

2602*5229 , if the number is divisible by 11, what number should come in the place of *

- a) 2
- b) 4
- c) 6
- d) 8

Clear selection

47A9320B, if this number is divisible by 8 & 9, find the possible values of A & B

- a) 3, 4
- b) 5,4
- c) 3,8
- d) 5,8

Clear selection

The largest 4-digit number exactly divisible by 2, 5, 9 is:

- a) 9990
- b) 9995
- c) 9980
- d) 9900

Clear selection

If 8A5146B is divisible by 88, Find A*B

- a) 4
- b) 8
- c) 12
- d) 16

Clear selection

Find the unit digit of 237^756 + 899^564

- [x] a) 0
- [ ] b) 1
- [ ] c) 2
- [ ] d)6

Clear selection

Find the unit digit of 769^456 * 768^456 * 767^456 * 766^456 * 765^456 * 764^456

- [x] a) 0
- [ ] b) 1
- [ ] c) 2
- [ ] d)6

Clear selection

Find the Unit Digit of 87743^ 2975!

- [ ] a) 3
- [ ] b) 9
- [x] c) 1
- [ ] d) 7

Clear selection

Find the Unit digit of 458! ^876

- a) 8
- b) 4
- c) 2
- d) 0

Clear selection

Find the Unit digit of 786 ^12^89

- a) 2
- b) 4
- c)6
- d)8

Clear selection

How many zeros are there at the end of 200!

- a) 48
- b) 49
- c) 50
- d) None of these

Clear selection

How many trailing zeros are there in 120 !

- a) 26
- b) 27
- c) 28
- d) None of these

Clear selection

How many 7's are there in 350!

- a) 54
- b) 56
- c) 58
- d) 60

Clear selection

What is the highest power of 12 in 300!

- a) 146
- b) 148
- c) 150
- d) 152

Clear selection

What is the last non zero digit of 490!

- a) 2
- b) 4
- c) 6
- d) 8

Clear selection

What is the last non zero digit of 523!

- a) 2
- b) 4
- c) 6
- d) 8

Clear selection

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