

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 0.9876767676.....

- ☐ 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 $237^{756} + 899^{564}$

- ☐ a) 0
- ☐ b) 1
- ☒ c) 2
- ☐ d) 6

Clear selection

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

- ☐ a) 0
- ☐ b) 1
- ☐ c) 2
- ☒ d) 6

Clear selection

Find the Unit Digit of $87743^{2975!}$

- ☐ a) 3
- ☐ b) 9
- ☒ 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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