

GENERAL APTITUDE (APTITUDE PART)

/SET 1

PART A

Selling price of an article is Rs.240. If the gain is 50%, then what is the cost price of the given article?

- ☐ (a)Rs.120
- ☐ (b)Rs.140
- ☒ (c)Rs.160
- ☐ (d)Rs.200

Clear selection

The ratio of cost price and selling price of an article is 8: 9 . The gain percent on it is?

- ☐ (a) 10%
- ☐ b) 10.5%
- ☐ c) 12%
- ☒ d) 12.5%

Clear selection



A shop keeper got 10% loss by selling a bag, if it had been sold for 300rs more he would get 20% profit. Find the cost price of the bag.

- ☐ a) 600
- ☐ b) 800
- ☒ c) 1000
- ☐ d) 1200

Clear selection

Find the single discount equivalent to successive discounts of 20% and 30%.

- ☐ a) 50%
- ☐ b) 40%
- ☒ c) 44%
- ☐ d) 54%

Clear selection

Krish sold his bike at 20% discount still she makes 25% profit. Find the cost price of bike if marked price is Rs.1,00,000

- ☐ a) 60000
- ☒ b) 64000
- ☐ c) 70000
- ☐ d) 75000

Clear selection



If the simple interest on Rs.8000 for 3 years is Rs.1200/-, what is the rate of interest percent per annum?

- ☒ a) 5%
- ☐ b) 5.5%
- ☐ c) 6%
- ☐ d) 6.5%

Clear selection

A man took a loan from a bank at the rate of 15% per annum at simple interest. After 3 years he had to pay 9000 as interest. The principal amount borrowed by him was?

- ☐ a) 10000
- ☐ b) 15000
- ☒ c) 20000
- ☐ d) 25000

Clear selection

A person borrows Rs.40000 for 2 years at 5% p.a. simple interest. He immediately lends it to another person at 7.5% p.a. simple interest for 2 years. Find his gain in the transaction per year?

- ☐ a) 2000
- ☐ b) 2400
- ☐ c) 2800
- ☒ d) None of these

Clear selection



What will be the compound interest on a sum of Rs. 30,000 after 3 years at the rate of 15p.c.p.a.?

- ☐ a) 14258.5
- ☐ b) 14981.25
- ☒ c) 15626.25
- ☐ d) 16200

Clear selection

Rahul borrows Rs.25000 for 2 years at 5% p.a. simple interest. He immediately lends it to another person at 5% p.a. compound interest for 2 years. Find his gain in the transaction per year?

- ☐ a) 50rs
- ☐ b) 58rs
- ☐ c) 62rs
- ☒ d) None of these

Clear selection

16.66 % of 744 =

- ☐ a) 120
- ☒ b) 124
- ☐ c) 132
- ☐ d) 140

Clear selection



33.33 % of 123 +45.45 % of 671 =

- ☐ a) 324
- ☐ b) 338
- ☒ c) 346
- ☐ d) 352

Clear selection

If 150 is 50% of a number, then 150% of that number will be

- ☐ a) 50
- ☐ b) 150
- ☐ c) 300
- ☒ d) 450

Clear selection

If 66.66% of 16.66% of $(\frac{3}{11})$ th of a number is 20, then what is 10% of the same number

- ☐ a) 72
- ☒ b) 66
- ☐ c) 60
- ☐ d) 52

Clear selection



Two numbers are less than a third number by 30% and 40% respectively. The percent by which the second number is less than the first is?

- ☒ a) 16.66%
- ☐ b) 14.28%
- ☐ c) 10%
- ☐ d) None of these

Clear selection

Find the Unit digit of $2427!^{12548}$

- ☐ a) 7
- ☐ b) 1
- ☐ c) 3
- ☒ d) 0

Clear selection

$1!^1! + 2!^2! + 3!^3! + 4!^4! + \dots + 100!^{100!}$. Find the unit place .

- ☐ a) 4
- ☐ b) 0
- ☒ c) 7
- ☐ d) 9

Clear selection



What is the last non zero digit of $720!$

- ☐ a) 8
- ☐ b) 6
- ☐ c) 4
- ☒ d) 2

Clear selection

What is the remainder of $(842^{123})/9$

- ☐ a) 6
- ☐ b) 5
- ☒ c) 7
- ☐ d) 8

Clear selection

Find the LCM of 3, 2.7, 0.09 .

- ☐ a) 2.7
- ☐ b) 0.27
- ☐ c) 0.027
- ☒ d) 27

Clear selection

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