

# रेलवे NTPC परीक्षा में पूछे गए अंकगणित के प्रश्न लाभ और हानि





























$$M.P \times \frac{4}{5} = 2400$$

$$M.P = 3000$$

$$S.P \text{ if discount \% is } 25\% = M.P \times \frac{75}{100} =$$

$$3000 \times \frac{3}{4} = 2250$$

68. A product was sold for Rs. 4,500 at a profit of 12.5%. What was the amount of profit?

A. Rs. 125

B. Rs. 250

C. Rs. 500

D. Rs. 300

Ans. C

Sol. We know that,

$$C.P \times \frac{100 + \text{profit}\%}{100} = S.P$$

$$C.P = 4500 \times \frac{100}{112.5} = 4000 \text{rs}$$

$$\text{Profit} = S.P - C.P$$

$$4500 - 4000 = 500.$$

69. The cost of one dozen bananas is Rs.50. The cost of one dozen oranges is Rs.75. What will the cost of one and a

quarter dozen bananas and three-fourth dozen oranges?

A. Rs. 112.50

B. Rs. 131.25

C. Rs. 118.75

D. Rs. 93.75

Ans. C

Sol. The cost of one and a quarter dozen bananas =  $50 * (1 + 1/4) = \text{Rs. } 62.50$

The cost of 3/4 dozen oranges =  $75 \times 3/4 = 225/4 = \text{Rs. } 56.25$

Total cost =  $56.25 + 62.50 = \text{Rs. } 118.75$

70. A shop keeper purchased 10 boxes of pencils containing 10 pencils each at Rs. 100 per box and sold each pencil at a profit 12%. What is the total sale price?

A. Rs. 1,100

B. Rs. 1,120

C. Rs. 1,200

D. Rs. 1,210

Ans. B

Sol. Total C.P of 10 boxes =  $100 \times 10 = \text{Rs. } 1000$

Total S.P of 10 boxes =  $1000 \times \frac{112}{100}$

= Rs. 1120

A green banner with a dark blue background on the left side. On the left, there is an illustration of a man with a beard sitting at a desk with a laptop. The text "Gradeup Green Card" is written in white, bold font. Below it, in a smaller white font, is the text "Unlimited Access to All 350+ SSC & Railways Mock Tests".

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