

Banking Daily Quiz Blog - January 25



What will come in the place of question (?) mark in following questions.

1. 12, 12, 24, 72, ?, 1440

A 256

B 288

C 284

D 296

E 316

Solution

Pattern of series -

$$12 \times 1 = 12$$

$$12 \times 2 = 24$$

$$24 \times 3 = 72$$

$$? = 72 \times 4 = 288$$

$$288 \times 5 = 1440$$

What will come in the place of question (?) mark in following questions.

2. 16, 17.8, 21.4, 28.6, 43, ?

A 69.8

B 72.8

C 73.8

D 70.8

E 71.8

Solution

Pattern of series –

$$16 + 1.8 = 17.8$$

$$17.8 + 3.6 = 21.4$$

$$21.4 + 7.2 = 28.6$$

$$28.6 + 14.4 = 43$$

$$? = 43 + 28.8 = 71.8$$

What will come in the place of question (?) mark in following questions.

3. 12, 7, 8, 13, ?, 68.5

A 28

B 27

C 26

D 27.5

E 26.5

Solution

Pattern of series -

$$12 \times 0.5 + 1 = 7$$

$$7 \times 1 + 1 = 8$$

$$8 \times 1.5 + 1 = 13$$

$$? = 13 \times 2 + 1 = 27$$

$$27 \times 2.5 + 1 = 68.5$$

What will come in the place of question (?) mark in following questions.

4. 72, 79, 65, 93, ?, 149

A 36

B 31

C 33

D 37

E 35

Solution

Pattern of series –

$$72 + 7 = 79$$

$$79 - 14 = 65$$

$$65 + 28 = 93$$

$$? = 93 - 56 = 37$$

$$37 + 112 = 149$$

What will come in the place of question (?) mark in following questions.

5. **8, 9, 19, 58, 233, ?**

(A) 1164

(B) 1166

(C) 1156

(D) 1152

(E) 1158

Solution

Pattern of series -

$$8 \times 1 + 1 = 9$$

$$9 \times 2 + 1 = 19$$

$$19 \times 3 + 1 = 58$$

$$58 \times 4 + 1 = 233$$

$$233 \times 5 + 1 = 1166$$

6. Table given below shows number of orders received by three (P, Q & R) companies of their three (A, B & C) items. Read the data carefully and answer the questions.

Componies / Items	A	B	C
P	80	60	50
Q	40	70	90

Componies / Items	A	B	C
R	80	100	30

A. Find average number of orders of item B received by Q & R is what percent of total orders of item A received by P?

A $104 \frac{1}{4} \%$

B $106 \frac{1}{4} \%$

C $108 \frac{1}{4} \%$

D $102 \frac{1}{4} \%$

E $110 \frac{1}{4} \%$

Solution

Average number of orders of item B received by Q & R = $\frac{70+100}{2} = 85$

Required percentage = $\frac{85}{80} \times 100 = 106 \frac{1}{4} \%$

B. Find total orders of item A, B & C received by P?

A 210

B 220

C 190

D 180

E 200

Solution

Required sum = $80 + 60 + 50 = 190$

C. Find ratio of total orders of item A & B received by P to total orders of item B & C received by Q?

A 7 : 9

B 8 : 7

C 4 : 7

D 5 : 6

E 7 : 8

Solution

Total orders of item A & B received by P = $80 + 60 = 140$

Total orders of item B & C received by Q = $70 + 90 = 160$

Required ratio = $140 : 160 = 7 : 8$

D. Find total orders (all three items) received by R is what percent more than that of total orders (all three items) received by Q?

A 5%

B 12.5%

C 10%

D 15%

E 20%

Solution

Total orders (all three items) received by R = $(80 + 100 + 30) = 210$

Total orders (all three items) received by Q = $(40 + 70 + 90) = 200$

Required percentage = $\frac{210-200}{200} \times 100 = 5\%$

E. Total orders of item A & B received by R is how much more than total orders of item B & C received by Q?

A 50

B 10

C 40

D 20

E 30

Solution

$$\text{Required difference} = (80 + 100) - (70 + 90) = 20$$

