SBI CLERK & PO | NIACL AO | LIC AAO 2022

MATHS

- APPROXIMATION
- NUMBER SERIES
- QUADRATIC EQUATION
- DATA INTERPRETATION

तैयारी TOPPERS वाली

LIVE I 11:30 AM

By Shubham Mahendras

$$167.71 \div 6.09 \times 4.11 = 79.86\% \text{ of } ?$$

A.116
B.168
C.190
D.140
E.260

$$768.16 \div 11.87 \times \sqrt{267} - 58.05 = ?$$

A.1033
B.1175
C.966
D.880
E.975

5, 7.25, 13.5, 25.75, 46, ?

A.70.25
B.71.25
C.73.25
D.75.25
E.76.25

$$20x^2 - 108x + 144 = 0$$

$$8y^2 - 18y + 4 = 0$$

A. X > Y
B. X < Y
C. X ≥ Y
D. X ≤ Y
E. X = Y
or CND

$$(18.04 \times 19.88) \div 6.97 = (?)^2$$

A.7
B.14
C.11
D.21
E.17

$$[\{(155 \div 4) \div 12.96\}]^2 + (1 / 2) \times (63.03 \times 18.02) = (?)^2$$

A.24
B.39
C.51
D.14
E.46

789, 900, 1122, ?, 1899, 2454

A.1155
B.1455
C.1200
D.1400
E.1500

$$x^2 - 13\sqrt{2}x + 80 = 0$$

$$y^2 - 15\sqrt{2}y + 100 = 0$$

A. X > Y
B.X < Y
C.X ≥ Y
D.X ≤ Y
E.X = Y
or CND

$$\sqrt{1296.001} \times 15.99 \div 3.6 + \sqrt{1155.789} \times 5.989 = ?$$

A.312
B.365
C.146
D.245
E.432

(44.95% of 1200) + (65.06% of 800) = ?

A.1060
B.1240
C.860
D.1860
E.1520

16.67% of 5400.001 + 12.5% of 719.99 = ? – 659.98

A.1820
B.1240
C.1650
D.1380
E.1150

$$198.05 \times 126.05 \div 76.87 + 178.44 - 294.77 = ?$$

A.324
B.315
C.295
D.154
E.207

$$59.71\% \text{ of } (207.93 + 218.09) = (?)^2$$

A.33
B.21
C.40
D.19
E.16

1442, 722, 364, 187, 100.5, 59.25, ?

A.40.625
B.38.625
C.42.625
D.44.625
E.36.625

23.995 % of 299.678 – 45.3% of 89.9009 = ?

A.32
B.18
C.54
D.68
E.72

$$2x^2 + 3x - 35 = 0$$

$$4y^2 + 10y - 104 = 0$$

A. X > Y
B. X < Y
C. X ≥ Y
D. X ≤ Y
E. X = Y
or CND

205, 277, 319, 339, ?

A.354
B.355
C.364
D.364
E.345

$3x^2 - 8x - 16 = 0$

$3y^2 - 19y + 28 = 0$

A. X > Y
B. X < Y
C. X ≥ Y
D. X ≤ Y
E. X = Y
or CND

$x^2 = 35$

$y^2 + 13y + 42 = 0$

A. X > Y
B.X < Y
C.X ≥ Y
D.X ≤ Y
E.X = Y
or CND

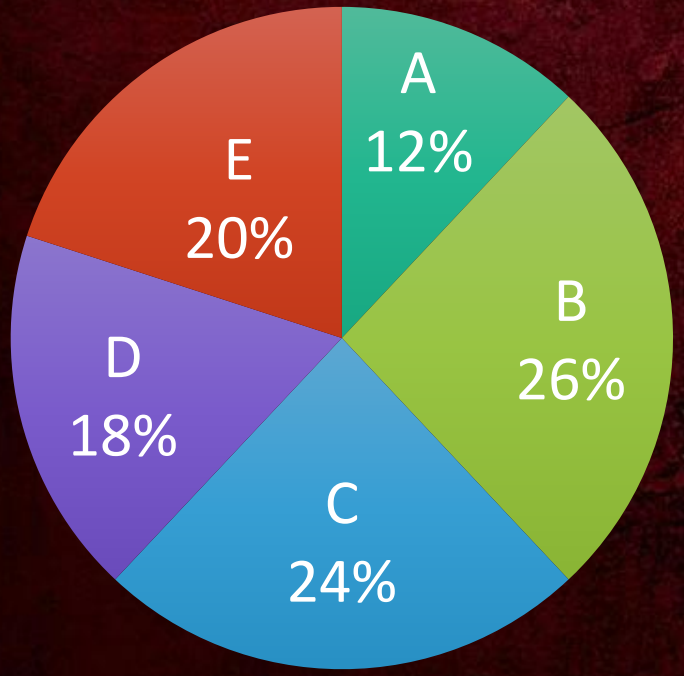
2, ?, 64, 1024, 32768

A.8
B.6
C.4
D.10
E.2

Directions: Pie chart shows the number of workers in different companies. Table chart shows the ratio between employees and workers.

Total Employees = Total Officers + Total Workers

Total Workers = 6000

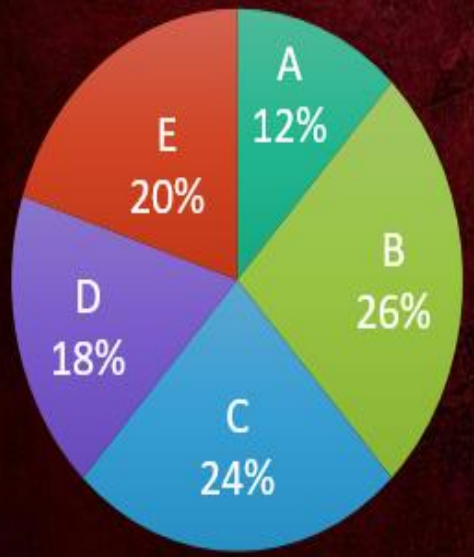


Company	Officers : Workers
A	1 : 4
B	2 : 13
C	3 : 8
D	5 : 9
E	2 : 5

Find the ratio between officers of company A and employees of company D ?

कंपनी A के अधिकारियों और कंपनी D के कर्मचारियों के बीच का अनुपात ज्ञात कीजिये?

Total Workers = 6000



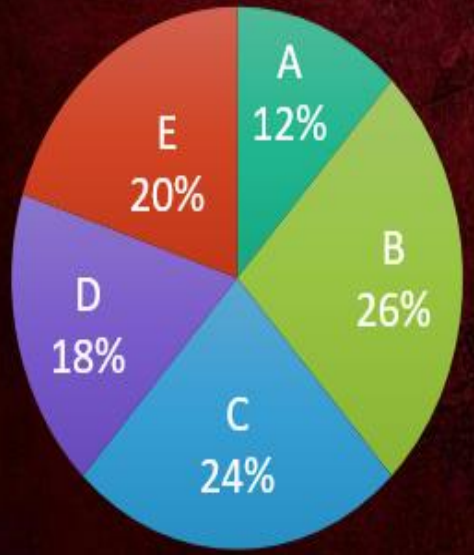
Company	Officers : Workers
A	1 : 4
B	2 : 13
C	3 : 8
D	5 : 9
E	2 : 5

1. 2:11
2. 3:28
3. 5:32
4. 2:17
5. NOT

Officers of company A are what percent of the officers of company E ?

कंपनी A के अधिकारी कंपनी E के अधिकारियों के कितने प्रतिशत हैं?

Total Workers = 6000



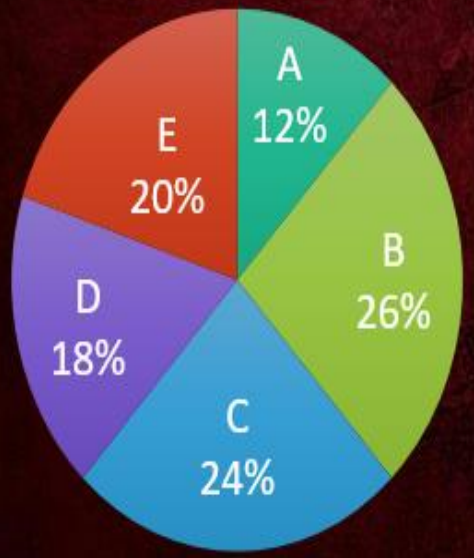
Company	Officers : Workers
A	1 : 4
B	2 : 13
C	3 : 8
D	5 : 9
E	2 : 5

1. 25%
2. 66.66%
3. 37.5%
4. 50%
5. NOT

Officers of company B are how much percent more or less than employee of company E ?

कंपनी B के अधिकारी कंपनी E के कर्मचारी से कितने प्रतिशत अधिक या कम हैं?

Total Workers = 6000



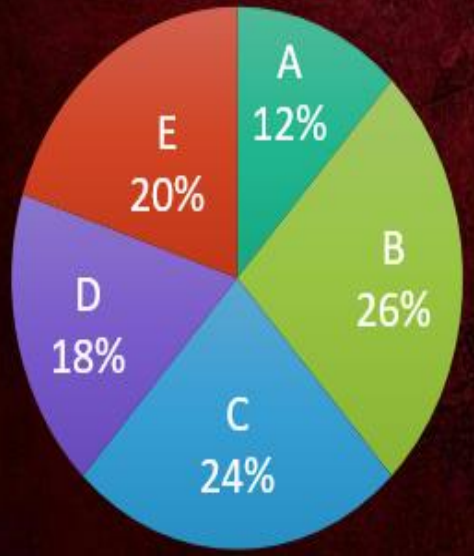
Company	Officers : Workers
A	1 : 4
B	2 : 13
C	3 : 8
D	5 : 9
E	2 : 5

1. 80%
2. 83.33%
3. 14.28%
4. 28%
5. NOT

Find the average between officers of A, B and E ?

A, B और E के अधिकारियों के बीच का औसत ज्ञात कीजिये?

Total Workers = 6000



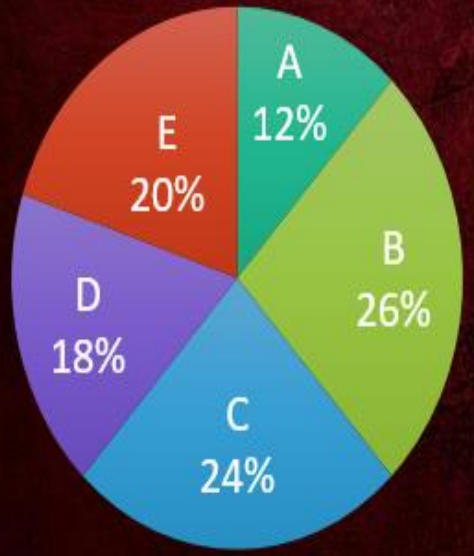
Company	Officers : Workers
A	1 : 4
B	2 : 13
C	3 : 8
D	5 : 9
E	2 : 5

1. 500
2. 700
3. 900
4. 1200
5. NOT

Find the ratio between officers and workers ?

अधिकारियों और कामगारों के बीच का अनुपात ज्ञात कीजिये?

Total Workers = 6000



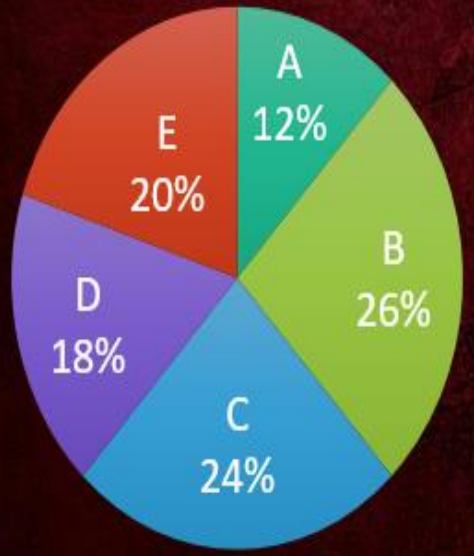
Company	Officers : Workers
A	1 : 4
B	2 : 13
C	3 : 8
D	5 : 9
E	2 : 5

1. 17:50
2. 22:45
3. 19:32
4. 65:132
5. NOT

Find the difference between employees and officers ?

कर्मचारियों और अधिकारियों के बीच का अंतर ज्ञात कीजिये ?

Total Workers = 6000



Company	Officers : Workers
A	1 : 4
B	2 : 13
C	3 : 8
D	5 : 9
E	2 : 5

1. 8040
2. 6000
3. 4000
4. 4200
5. NOT