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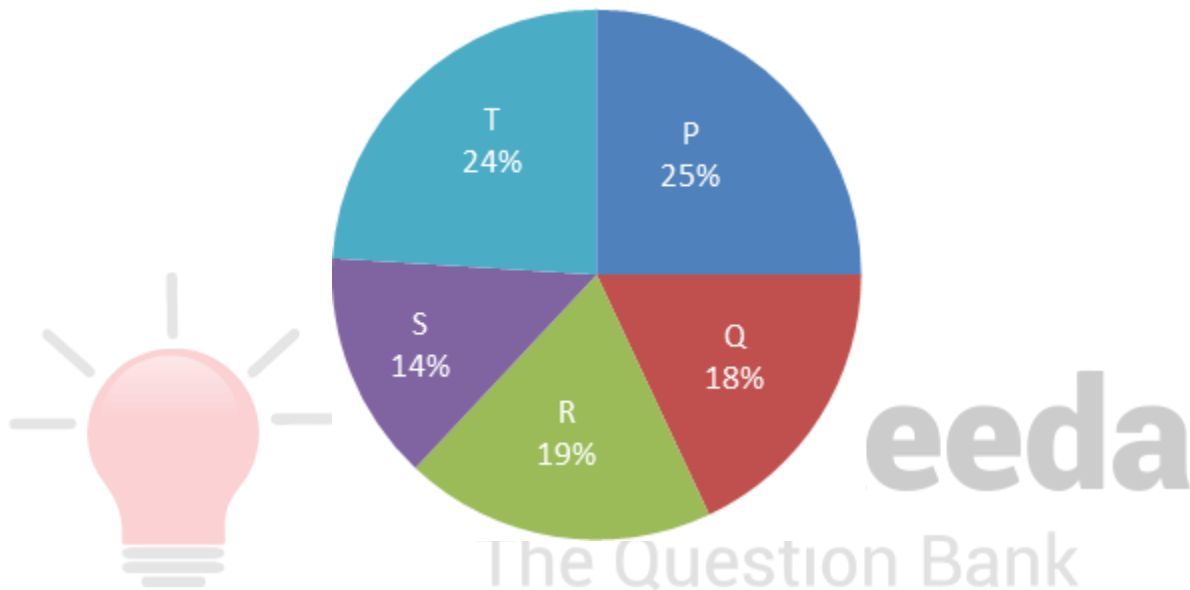
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DI Pie Chart Questions for SBI Clerk Pre, IBPS Clerk Pre, IBPS RRB Assistant Pre and LIC Assistant Pre Exams.

DI Pie Chart No. 69

Directions: Study the following pie chart carefully and answer the questions given beside.

Percentage distribution of Sugar to 5 retailers – P, Q, R, S and T from a store (having total quantity = 1000 kg) in July 2019.



- 1. What is the average quantity of Sugar distributed to retailers Q, R and S?**
A. 160 kg B. 170 kg C. 175 kg D. 180 kg E. 165 kg
- 2. What is the central angle corresponding to the quantity of Sugar distributed to retailer T?**
A. 86.4° B. 66.4° C. 56.4° D. 76.4° E. 46.4°
- 3. What is the difference between the total quantity of sugar distributed to retailers P and Q together and that distributed to retailers S and T together?**
A. 45 kg B. 59 kg C. 50 kg D. 55 kg E. 48 kg
- 4. In August 2019, if the total quantity of sugar in the store increased by 5% over the previous month and the additional quantity of sugar was distributed to retailer Q and T only, then what was the quantity of sugar distributed to retailers Q and T together in August?**
A. 460 kg B. 450 kg C. 440 kg D. 470 kg E. 480 kg

5. By what percent is the quantity of sugar distributed the retailer Q less than that to retailer T?

A. 28%

B. 30%

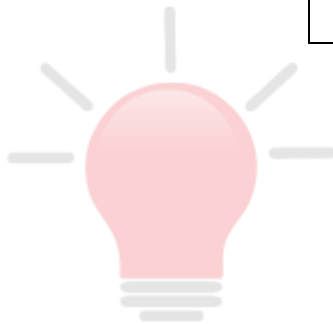
C. 26%

D. 22%

E. 25%

Correct Answers:

1	2	3	4	5
B	A	C	D	E



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Explanations :

1. $Q + R + S = 18 + 19 + 14 = 51\%$

$$\frac{51 \times 1000}{100} = 510$$

$$\text{Average} = \frac{510}{3} = 170 \text{ kg}$$

Hence, Option B is correct.

2. $100\% = 360^\circ$

$$1\% = 3.6^\circ$$

$$T = 24\%$$

$$\text{Central angle of T} = 24 \times 3.6 = 86.4^\circ$$

Hence, Option A is correct.

3. $P + Q \text{ together} = 25 + 18 = 43\%$

$$S + T \text{ together} = 14 + 24 = 38\%$$

$$\text{Reqd. difference} = \frac{(43 - 38) \times 1000}{100} = 50 \text{ kg}$$

Hence, Option C is correct.

4.

$$Q + T \text{ together} = 18 + 24 = \frac{42 \times 1000}{100} = 420$$

$$5\% \text{ of } 1000 = \frac{5 \times 1000}{100} = 50 \text{ kg}$$

$$\text{Required quantity} = 420 + 50 = 470 \text{ kg}$$

Hence, Option D is correct.

5. Q = 18%

T = 24%

$$\text{Reqd. \%} = \frac{(18 - 24) \times 100}{24} = 25\%$$

Hence, Option E is correct.



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