

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

DI Bar Chart No. 79
Directions: Study the following bar chart carefully and answer the questions given beside.
The bar graph given below shows the sales of Patanjali Biscuits (in thousand numbers) from 6 centers of the company during 2 consecutive years 2019 and 2020.

■ $2019 \quad 2020$


1. Total sales of center C6 for both the years is what percent of the total sales of center C3 for both the years?
A. $75.17 \%$
B. $73.17 \%$
C. $76.17 \%$
D. $78.17 \%$
E. 80.17\%
2. What percentage of the average sales of centers $\mathbf{C 1}, \mathbf{C 2}$ and $\mathbf{C 3}$ in $\mathbf{2 0 2 0}$ is the average sale of centers C1, C3 and C6 in 2019?
A. $97.5 \%$
B. $77.5 \%$
C. $87.5 \%$
D. $67.5 \%$
E. 89.5\%
3. What is the average sales of all the centers (in thousand numbers) for the year 2019?
A. 95
B. 75
C. 90
D. 70
E. 80
4. What is the percentage increase of sales of biscuits from 2019 to 2020 in the center C3?
A. $21.38 \%$
B. $11.24 \%$
C. $18.97 \%$
D. $15.79 \%$
E. 13.63\%
5. What is the total difference between the number of biscuits sold in the year 2019 and 2020 for all the centers?
A. 70
B. 80
C. 90
D. 75
E. 85

## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :--- | :--- | :--- | :--- | :--- |
| B | C | E | D | A |



## Explanations :

1. $C 6=70+80=150$
$C 3=110+95=205$
Reqd. \% $=\frac{150 \times 100}{205}=73.17 \%$

Hence, option B is correct.
2. In 2020: $\mathrm{C} 1=105, \mathrm{C} 2=65, \mathrm{C}=110$

In 2019: C1 = 80, C3 = 95, C6 = 70
Average in $2020=\frac{105+65+110}{3}=\frac{280}{3}$
Average in $2019=\frac{80+95+70}{3}=\frac{245}{3}$

Reqd. \% $=\frac{(245 / 3) \times 100}{(280 / 3)}=87.5 \%$
Hence, option C is correct.
3.

Reqd. average $=\frac{80+75+95+85+75+70}{6}=80$

Hence, option E is correct.
4. Sales in 2020 from C3 $=110$

Sales in 2019 from C3 $=95$
Reqd. $\%$ increase $=\frac{(110-95) \times 100}{95}=15.79 \%$

Hence, option D is correct.
5. $\mathrm{C} 1: 105-80=25$

C2: $65-75=-10$

C3: $110-95=15$

C4: $95-85=10$
C5: $95-75=20$

C6: $80-70=10$

Total difference $=25-10+15+10+20+10=70$
Hence, option A is correct.


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