

Nesto Data Interpretation- 1

Study the following table and answer the questions based on it. Expenditures of a Company (in Lakh Rupees) per Annum Over the given Years.

Year	Item of Expenditure				
	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

1. What is the average amount of interest per year which the company had to pay during this period?

A. Rs. 32.43 lakhs

B. Rs. 33.72 lakhs

C. Rs. 34.18 lakhs

D. Rs. 36.66 lakhs

Average amount of interest paid by the Company during the given period

$$\begin{aligned}
 &= \text{Rs. } \frac{23.4 + 32.5 + 41.6 + 36.4 + 49.4}{5} \text{ lakhs} \\
 &= \text{Rs. } \left[\frac{183.3}{5} \right] \text{ lakhs} \\
 &= \text{Rs. } 36.66 \text{ lakhs.}
 \end{aligned}$$

2. The total amount of bonus paid by the company during the given period is approximately what percent of the total amount of salary paid during this period?

A. 0.1%

B. 0.5%

C. 1%

D. 1.25%

$$\begin{aligned}
 \text{Required percentage} &= \left[\frac{(3.00 + 2.52 + 3.84 + 3.68 + 3.96)}{(288 + 342 + 324 + 336 + 420)} \times 100 \right] \% \\
 &= \left[\frac{17}{1710} \times 100 \right] \% \\
 &\approx 1\%.
 \end{aligned}$$

3. Total expenditure on all these items in 1998 was approximately what percent of the total expenditure in 2002?

- A. 62%
- B. 66%
- C. 69%
- D. 71

$$= \frac{(288 + 98 + 3.00 + 23.4 + 83)}{(420 + 142 + 3.96 + 49.4 + 98)} \times 100 \%$$

$$= \frac{495.4}{713.36} \times 100 \%$$

$$\approx 69.45\%$$

4. The total expenditure of the company over these items during the year 2000 is?

- A. Rs. 544.44 lakhs
- B. Rs. 501.11 lakhs
- C. Rs. 446.46 lakhs
- D. Rs. 478.87 lakhs '

Total expenditure of the Company during 2000

$$= \text{Rs. } (324 + 101 + 3.84 + 41.6 + 74) \text{ lakhs}$$

$$= \text{Rs. } 544.44 \text{ lakhs}$$

5. The ratio between the total expenditure on Taxes for all the years and the total expenditure on Fuel and Transport for all the years respectively is approximately?

- A. 4:7
- B. 10:13
- C. 15:18
- D. 5:8

$$\text{Required ratio} = \frac{(83 + 108 + 74 + 88 + 98)}{(98 + 112 + 101 + 133 + 142)}$$

$$= \frac{451}{586}$$

$$= \frac{1}{1.3}$$

$$= \frac{10}{13}$$