



**SNS COLLEGE OF TECHNOLOGY**  
**An Autonomous Institution**  
**Coimbatore-35**



Accredited by NBA – AICTE and Accredited by NAAC – UGC with ‘A++’ Grade  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**23GET275 – VQAR I**

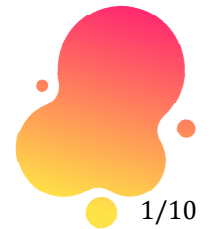
II YEAR/ III SEMESTER

**UNIT 2 – QUANTITATIVE ABILITY II**

**TOPIC 5 : Problems on Data interpretation**

25/9/2024

Problems on Data interpretation /23GET275 – VQAR I/S.SHARMILA/AP/EEE/SNSCT

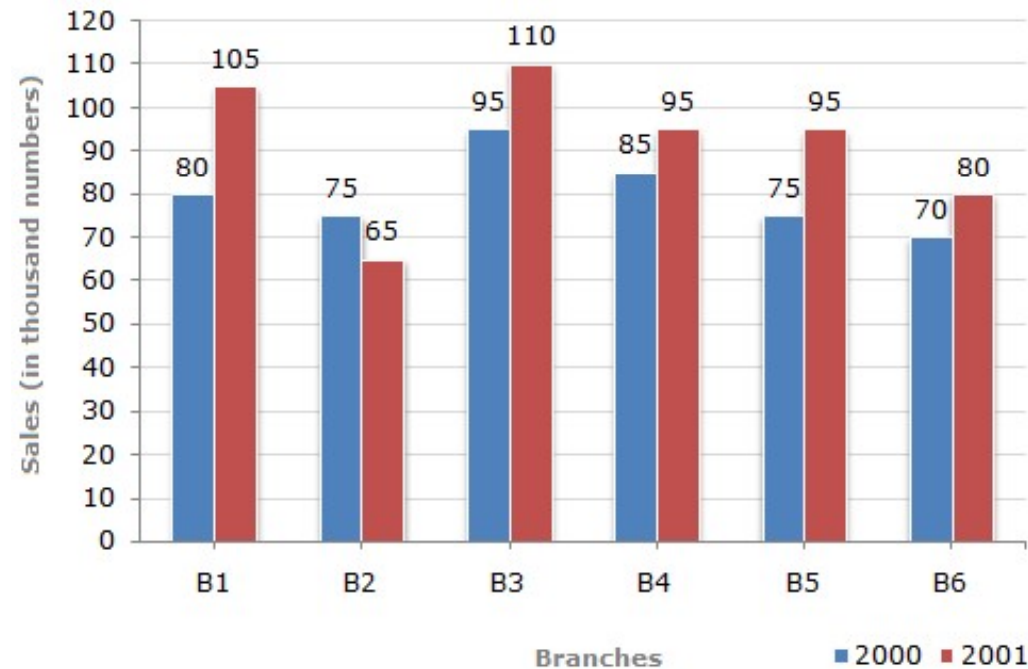


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## Introduction

The bar graph given below shows the sales of books (in thousand number) from six branches of a publishing company during two consecutive years 2000 and 2001. Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.





## BAR CHART



1. What is the ratio of the total sales of branch B2 for both years to the total sales of branch B4 for both years?
- a) 2:3      b) 3:5      c) 4:5      d) 7:9





Contd...



1. What is the ratio of the total sales of branch B2 for both years to the total sales of branch B4 for both years?

- a) 2:3      b) 3:5      c) 4:5      d) 7:9

Required	$(75 + 65)$	=	140	=	7	
ratio =	$(85 + 95)$		180		9	





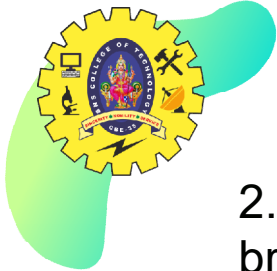
## Problems



2. Total sales of branch B6 for both the years is what percent of the total sales of branches B3 for both the years?

- a) 68.54%      b) 71.11 %      c) 73.17 %      d) 75.55%





## Problems



2. Total sales of branch B6 for both the years is what percent of the total sales of branches B3 for both the years?

- a) 68.54%      b) 71.11 %      c) **73.17 %**      d) 75.55%

$$\text{Required Percentage} = \frac{(70+80)}{(95+110)} \times 100 = 73.17 \%$$





## Problems



3. What percent of the average sales of branches B1, B2 and B3 in 2001 is the average sales of branches B1, B3 and B6 in 2000?
- a) 75%      b) 77.5 %      c) 82.5 %      d) 87.5%





## Problems



3. What percent of the average sales of branches B1, B2 and B3 in 2001 is the average sales of branches B1, B3 and B6 in 2000?

- a) 75%      b) 77.5 %      c) 82.5 %      d) 87.5%







## Problems

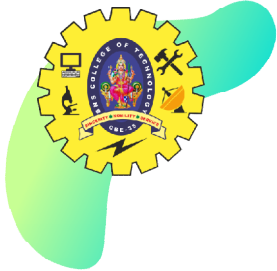


4. What is the average sales of all the branches (in thousand numbers) for the year 2000?

- a) 73      b) 80      c) 83      d) 88

**a) Average sales of all the six branches =  $\frac{1}{6} * (80+75+95+85+75+70)$**





**THANK YOU**

