

DATA INTERPRETATION

Table Chart #1

Number of Candidates Appeared and Qualified in a Competitive Examination from Different States over the Years.

State	Year									
	1997		1998		1999		2000		2001	
	App.	Qual.	App.	Qual.	App.	Qual.	App.	Qual.	App.	Qual.
M	5200	720	8500	980	7400	850	6800	775	9500	1125
N	7500	840	9200	1050	8450	920	9200	980	8800	1020
P	6400	780	8800	1020	7800	890	8750	1010	9750	1250
Q	8100	950	9500	1240	8700	980	9700	1200	8950	995
R	7800	870	7600	940	9800	1350	7600	945	7990	885

- Total number of candidates qualified from all the states together in 1997 is approximately what percentage of the total number of candidates qualified from all the states together in 1998?

A. 72%

C. 80%

B. 77%

D. 83%
- What is the average candidates who appeared from State Q during the given years?

A. 8700

C. 8990

B. 8760

D. 8920
- In which of the given years the number of candidates appeared from State P has maximum percentage of qualified candidates?

A. 1997

C. 1999

B. 1998

D. 2001

4. What is the percentage of candidates qualified from State N for all the years together, over the candidates appeared from State N during all the years together?

- A.** 12.36%
B. 12.16%
- C.** 11.47%
D. 11.15%

5. The percentage of total number of qualified candidates to the total number of appeared candidates among all the five states in 1999 is?

- A.** 11.49% **B.** 11.84%
- C.** 12.21% **D.** 12.57%

Table Chart #2

The following table gives the sales of batteries manufactured by a company over the years.

Number of Different Types of Batteries Sold by a Company Over the Years (Numbers in Thousands)

Year	Types of Batteries					
	4AH	7AH	32AH	35AH	55AH	Total
1992	75	144	114	102	108	543
1993	90	126	102	84	126	528
1994	96	114	75	105	135	525
1995	105	90	150	90	75	510
1996	90	75	135	75	90	465
1997	105	60	165	45	120	495
1998	115	85	160	100	145	605

1. What was the approximate percentage increase in the sales of 55AH batteries in 1998 compared to that in 1992?

- A. 28% B. 31% C. 33% D. 34%

2. The total sales of all the seven years is the maximum for which battery?

- A. 4AH B. 7AH C. 32AH D. 35AH

3. What is the difference in the number of 35AH batteries sold in 1993 and 1997?

- A. 24000 B. 28000 C. 35000 D. 39000

4. The percentage of 4AH batteries sold to the total number of batteries sold was maximum in the year?

- A. 1994 B. 1995 C. 1996 D. 1997

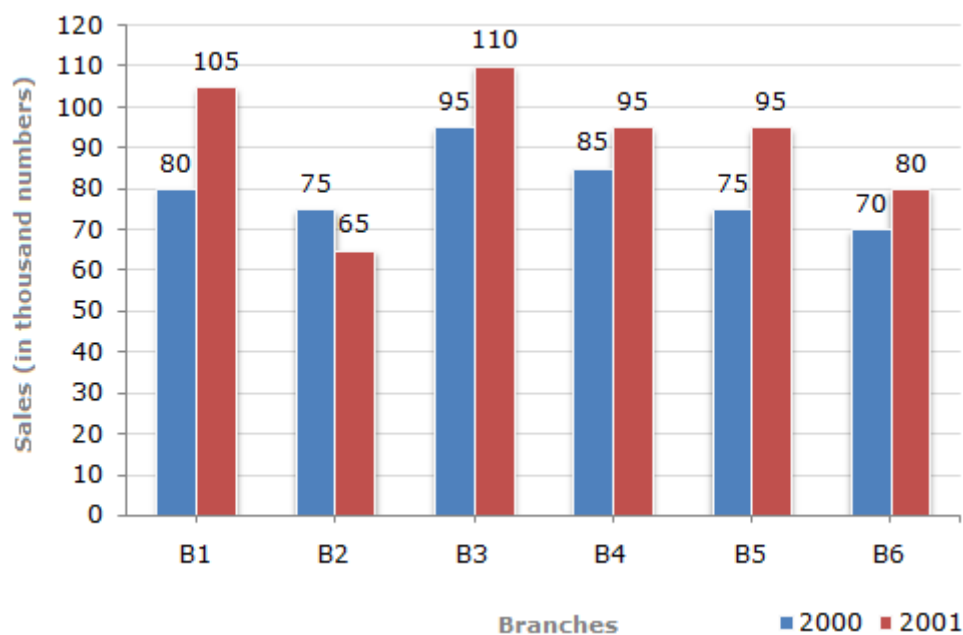
5. In case of which battery there was a continuous decrease in sales from 1992 to 1997?

- A. 4AH B. 7AH C. 32AH D. 35AH

Bar graph #1

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.



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

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%

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%

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

- A. 73 B. 80
C. 83 D. 88

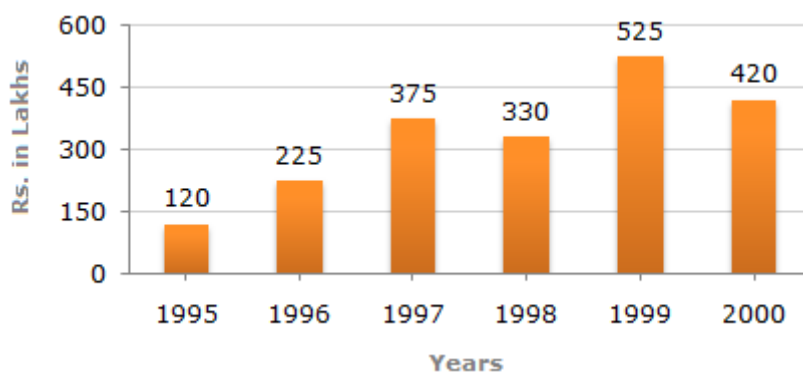
5. Total sales of branches B1, B3 and B5 together for both the years (in thousand numbers) is?

- A. 250 B. 310
C. 435 D. 560

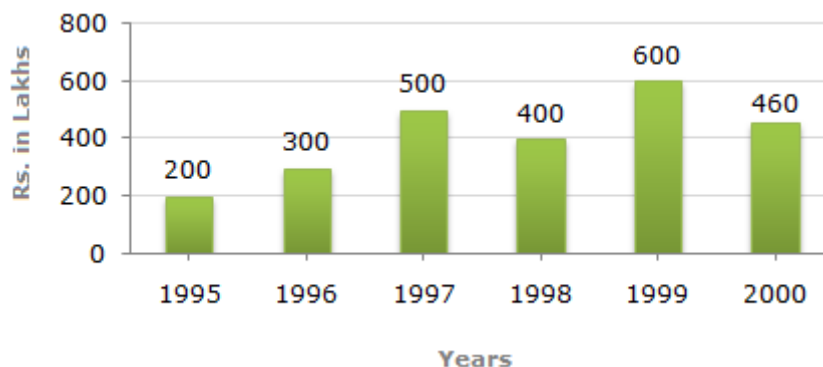
Bar Graph #2

Out of the two bar graphs provided below, one shows the amounts (in Lakh Rs.) invested by a Company in purchasing raw materials over the years and the other shows the values (in Lakh Rs.) of finished goods sold by the Company over the years.

Amount invested in Raw Materials (Rs. in Lakhs)



Value of Sales of Finished Goods (Rs. in Lakhs)



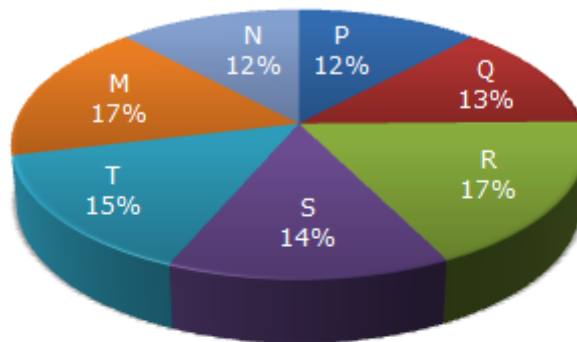
- The maximum difference between the amount invested in Raw materials and value of sales of finished goods was during the year?
 A. 1995 B. 1996 C. 1997 D. 1998
- The value of sales of finished goods in 1999 was approximately what percent of the sum of amount invested in Raw materials in the years 1997, 1998 and 1999?
 A. 33% B. 37% C. 45% D. 49%
- What was the difference between the average amount invested in Raw materials during the given period and the average value of sales of finished goods during this period?
 A. 62.5 L B. 68.5 L C. 71.5 L D. 77.5 L
- In which year, the percentage change (compared to the previous year) in the investment on Raw materials is same as that in the value of sales of finished goods?
 A. 1996 B. 1997 C. 1998 D. 1999
- In which year, there has been a maximum percentage increase in the amount invested in Raw materials as compared to the year?
 A. 1996 B. 1997 C. 1998 D. 1999

PIE CHART #1

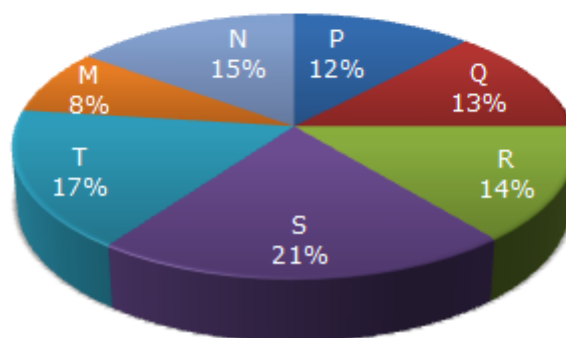
The following pie-charts show the distribution of students of graduate and post-graduate levels in seven different institutes in a town.

Distribution of students at graduate and post-graduate levels in seven institutes:

Total Number of Students of Graduate Level = 27300



Total Number of Students of Post-Graduate Level = 24700



- What is the total number of graduate and post-graduate level students in institute R?

A. 8320	B. 7916
C. 9116	D. 8099
- What is the ratio between the number of students studying at post-graduate and graduate levels respectively from institute S?

A. 14 : 19	B. 19 : 21
C. 17 : 21	D. 19 : 14
- How many students of institutes of M and S are studying at graduate level?

A. 7516	B. 8463
C. 9127	D. 9404
- What is the ratio between the number of students studying at post-graduate level from institutes S and the number of students studying at graduate level from institute Q?

<u>A.</u> 13 : 19	<u>B.</u> 21 : 13
<u>C.</u> 13 : 8	<u>D.</u> 19 : 13

5. Total number of students studying at post-graduate level from institutes N and P is

- A.** 5601 **B.** 5944
- C.** 6669 **D.** 8372

Pie Chart #2

The following pie-chart shows the sources of funds to be collected by the National Highways Authority of India (NHAI) for its Phase II projects. Study the pie-chart and answers the question that follow.

Sources of funds to be arranged by NHAI for Phase II projects (in crores Rs.)



1. Near about 20% of the funds are to be arranged through:

- A. SPVS B. External Assistance C. Annuity D. Market Borrowing

2. If NHAI could receive a total of Rs. 9695 crores as External Assistance, by what percent (approximately) should it increase the Market Borrowing to arrange for the shortage of funds?

- A. 4.5% B. 7.5% C. 6% D. 8%

3. If the toll is to be collected through an outsourced agency by allowing a maximum 10% commission, how much amount should be permitted to be collected by the outsourced agency, so that the project is supported with Rs. 4910 crores?

- A. Rs. 6213 C B. Rs. 5827 C C. Rs. 5401 C D. Rs. 5316 C

4. The central angle corresponding to Market Borrowing is

- A. 52[®] B. 137.8[®] C. 187.2[®] D. 192.4[®]

5. The approximate ratio of the funds to be arranged through Toll and that through Market Borrowing is

- A. 2:9 B. 1:6 C. 3:11 D. 2:5

- 1.** The incomes of two Companies X and Y in 2000 were in the ratio of 3:4 respectively. What was the respective ratio of their expenditures in 2000 ?
- A. 7:22
B. 14:19
C. 15:22
D. 27:35
- 2.** If the expenditure of Company Y in 1997 was Rs. 220 crores, what was its income in 1997 ?
- A. Rs. 312 crores
B. Rs. 297 crores
C. Rs. 283 crores
D. Rs. 275 crores
- 3.** If the expenditures of Company X and Y in 1996 were equal and the total income of the two Companies in 1996 was Rs. 342 crores, what was the total profit of the two Companies together in 1996 ? (Profit = Income - Expenditure)
- A. Rs. 240 crores
B. Rs. 171 crores
C. Rs. 120 crores
D. Rs. 102 crores
- 4.** The expenditure of Company X in the year 1998 was Rs. 200 crores and the income of company X in 1998 was the same as its expenditure in 2001. The income of Company X in 2001 was ?
- A. Rs. 465 crores
B. Rs. 385 crores

C. Rs. 335 crores

D. Rs. 295 crores

5. If the incomes of two Companies were equal in 1999, then what was the ratio of expenditure of Company X to that of Company Y in 1999 ?

A. 6:5

B. 5:6

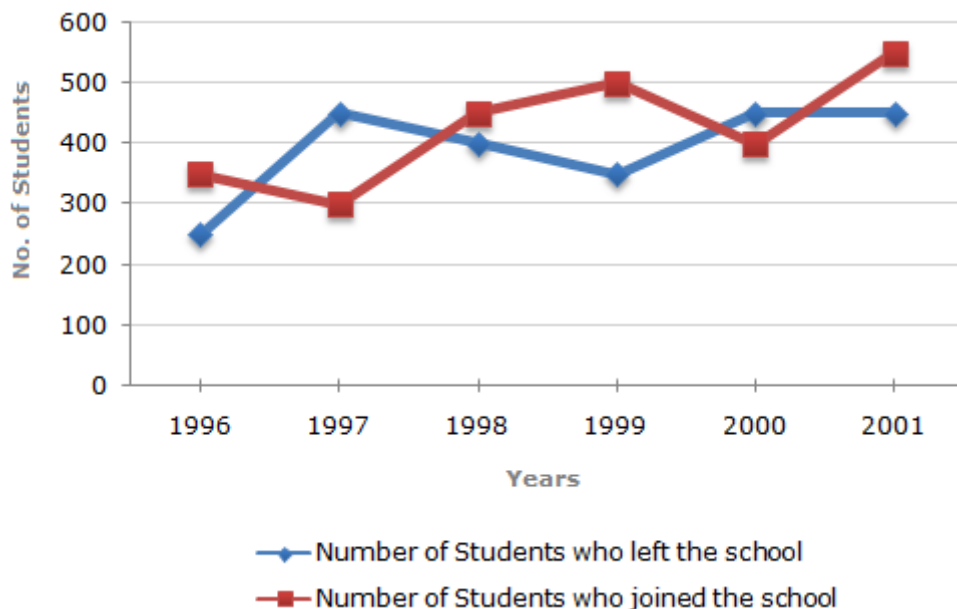
C. 11:6

D. 16:15

Line Chart #2

Study the following line graph which gives the number of students who joined and left the school in the beginning of year for six years, from 1996 to 2001.

Initial Strength of school in 1995 = 3000.



1. The number of students studying in the school during 1999 was?

A. 2950

B. 3000

C. 3100

D. 3150

2. For which year, the percentage rise/fall in the number of students who left the school compared to the previous year is maximum?

A. 1997

B. 1998

C. 1999

D. 2000

3. The strength of school increased/decreased from 1997 to 1998 by approximately what percent?

A. 1.2%

B. 1.7%

C. 2.1%

D. 2.4%

4. The number of students studying in the school in 1998 was what percent of the number of students studying in the school in 2001?

- A. 92.13% B. 93.75% C. 96.88% D. 97.25%

5. The ratio of the least number of students who joined the school to the maximum number of students who left the school in any of the years during the given period is?

- A. 7:9 B. 4:5 C. 3:4 D. 2:3

KEY

DATA INTERPRETATION

TABLE CHART - 1

Q. NO	ANSWER
1	C
2	C
3	D
4	D
5	B

TABLE CHART - 2

Q. NO	ANSWER
1	D
2	C
3	D
4	D
5	B

BAR GRAPH – 1

Q. NO	ANSWER
1	D
2	C
3	D
4	B
5	D

BAR GRAPH - 2

Q. NO	ANSWER
1	C
2	D
3	D
4	B
5	A

PIE CHART - 1

Q. NO	ANSWER
1	D
2	D
3	B
4	D
5	C

PIE CHART - 2

Q. NO	ANSWER
1	B
2	C
3	C
4	C
5	B

LINE GRAPH – 1

Q. NO	ANSWER
1	C
2	B
3	D
4	A
5	D

LINE GRAPH - 2

Q. NO	ANSWER
1	D
2	A
3	B
4	B
5	D