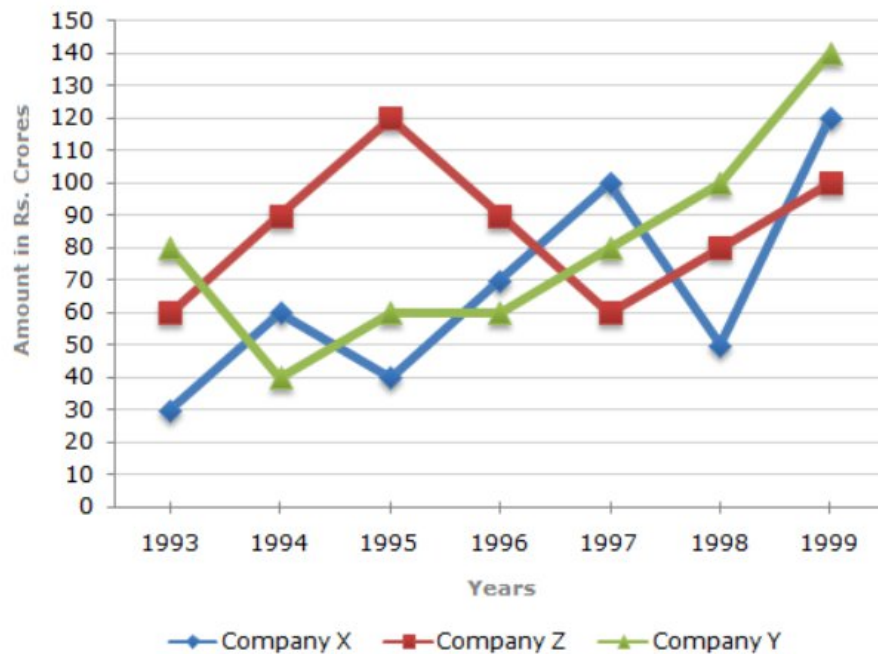# Line Graphs

Instructor: Akash Bhattacharya

Q1)

Study the following line graph and answer the questions.

Exports from Three Companies Over the Years (in Rs. crore)

1. For which of the following pairs of years the total exports from the three Companies together are equal?

(a) 1995 and 1998

(b) 1996 and 1998

(c) 1997 and 1998

(d) 1995 and 1996

2. Average annual exports during the given period for Company Y is approximately what percent of the average annual exports for Company Z?

(a) 87.12%

(b) 89.64%

(c) 91.21%

(d) 93.33%

3. In which year was the difference between the exports from Companies X and Y the minimum?

(a) 1994

(b) 1995

(c) 1996

(d) 1997

4. What was the difference between the average exports of the three Companies in 1993 and the average exports in 1998?

(a) Rs. 15.33 crores

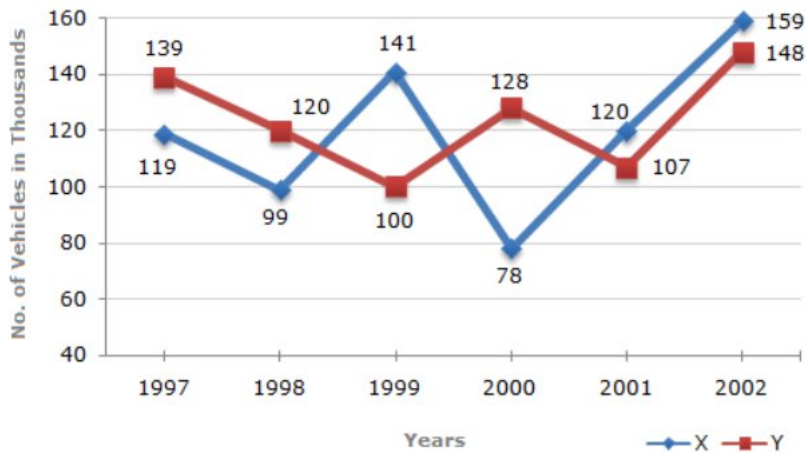(b) Rs. 18.67 crores

(c) Rs. 20 crores

(d) Rs. 22.17 crores

5. In how many of the given years, were the exports from Company Z more than the average annual exports over the given years?

(a) 2

(b) 3

(c) 4

(d) 5

Q2.

Study the following line graph and answer the questions based on it.

Number of Vehicles Manufactured by Two companies ove the Years (Number in Thousands)

1. What is the difference between the number of vehicles manufactured by Company Y in 2000 and 2001 ?

(a) 50000

(b) 42000

(c) 33000

(d) 21000

2. What is the difference between the total productions of the two Companies in the given years ?

19000

22000

26000

28000

3. What is the average numbers of vehicles manufactured by Company X over the given period ? (rounded off to nearest integer)

(a) 119333

(b) 113666

(c) 112778

(d) 111223

4. In which of the following years, the difference between the productions of Companies X and Y was the maximum among the given years ?
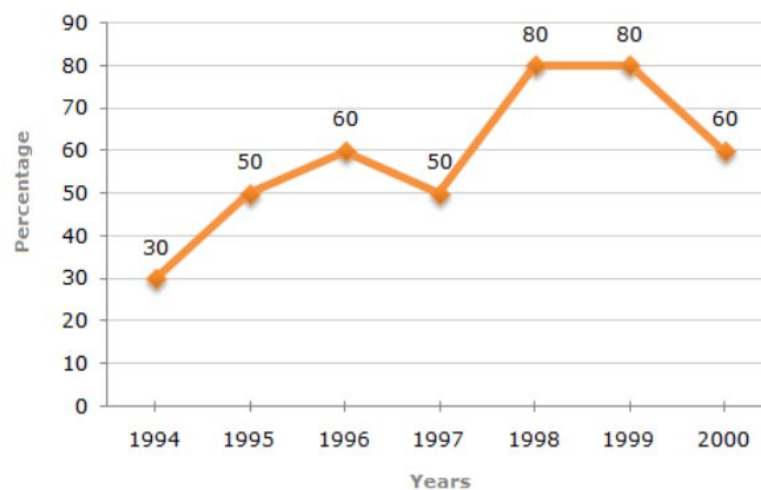
(a) 1997

(b) 1998

(c) 1999

(d) 2000

5. The production of Company Y in 2000 was approximately what percent of the production of Company X in the same year?

(a) 173

(b) 164

(c) 132

(d) 97

Q3.

The following line graph gives the percentage of the number of candidates who qualified an examination out of the total number of candidates who appeared for the examination over a period of seven years from 1994 to 2000.

Percentage of Candidates Qualified to Appeared in an Examination Over the Years

1. The difference between the percentage of candidates qualified to appeared was maximum in which of the following pairs of years?

(a) 1994 and 1995

(b) 1997 and 1998

(c) 1998 and 1999

(d) 1999 and 2000

2. In which pair of years was the number of candidates qualified, the same?

(a) 1995 and 1997

(b) 1995 and 2000

(c) 1998 and 1999

(d) Data inadequate

3. If the number of candidates qualified in 1998 was 21200, what was the number of candidates appeared in 1998?

(a) 32000

(b) 28500

(c) 26500

(d) 25000

4. If the total number of candidates appeared in 1996 and 1997 together was 47400, then the total number of candidates qualified in these two years together was?

(a) 34700

(b) 32100

(c) 31500

(d) Data inadequate

5. The total number of candidates qualified in 1999 and 2000 together was 33500 and the number of candidates appeared in 1999 was 26500. What was the number of candidates in 2000?

(a) 24500

(b) 22000

(c) 20500

(d) 19000