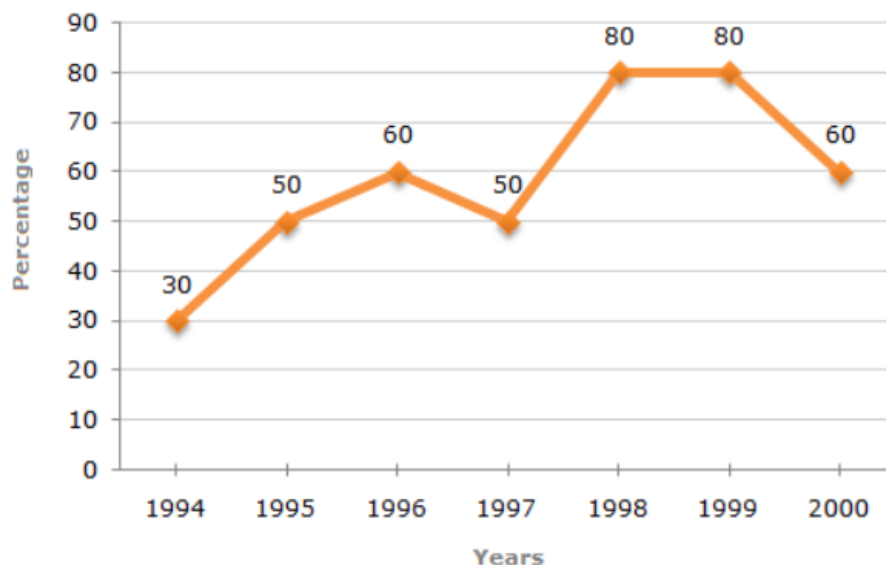# Data Interpretation

Direction for questions (1-3): 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

Q1. 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

Q2. 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
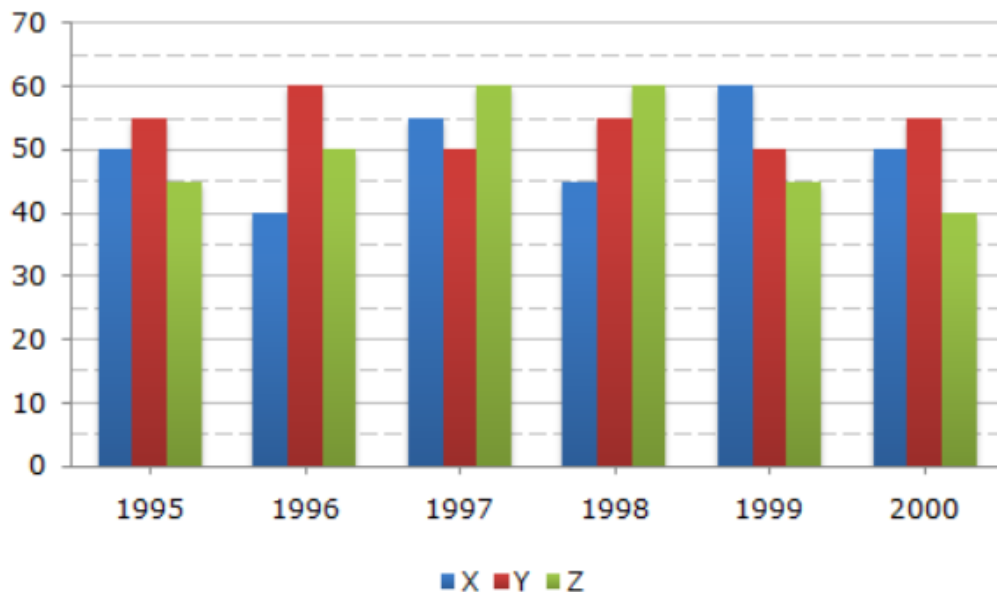
Q3. If the number of candidates qualified in 1998 was 21200, what was the number of candidates appeared in 1998?

(a) 32000   (b) 28500   (c) 26500   (d) 25000

Directions for questions (4-7): A soft drink company prepares drinks of three different flavours - X, Y and Z. The production of three flavours over a period of six years has been expressed in the bar graph provided below.

Production of Three Different Flavours X, Y and Z by a Company over the years (in lakh bottles)

Q4. The total production of flovour Z in 1997 and 1998 is what percentage of the total production of flavour X in 1995 and 1996?

(a) 96.67%   (b) 102.25%   (c) 115.57%   (d) 133.33%

Q5. For which flavour was the average annual production maximum in the given period?

(a) X only   (b) Y only   (c) Z only   (d) X and Y

Q6. What is the difference between the average production of flavour X in 1995, 1996 and 1997 and the average production of flavour Y in 1998, 1999 and 2000?
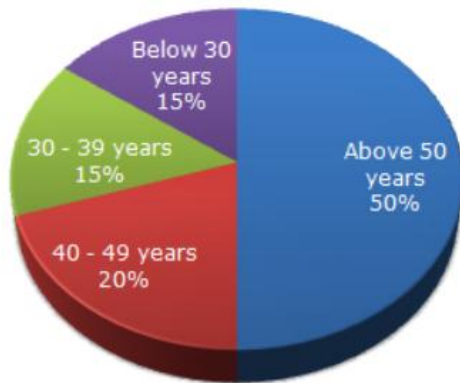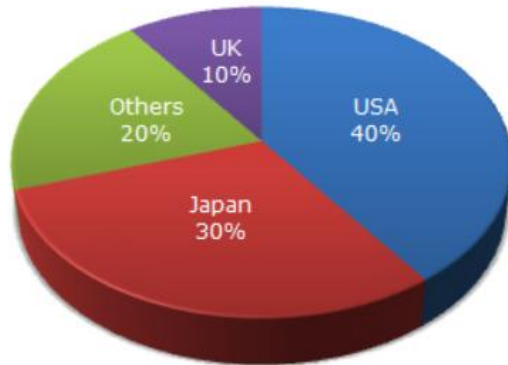
(a) 50,000 bottles   (b) 80,000 bottles   (c) 2,40,000 bottles   (d) 5,00,000 bottles

Q7. What was the approximate decline in the production of flavour Z in 2000 as compared to the production in 1998?

(a) 50%   (b) 42%   (c) 33%   (d) 25%

Direction for questions (8-10): The following pie charts exhibit the distribution of the overseas tourist traffic from India. The two charts shows the tourist distribution by country and the age profiles of the tourists respectively.

Distribution of Overseas Tourist Traffic from India.

Q8. What percentage of Indian tourist went to either USA or UK ?

(a) 40%   (b) 50%   (c) 60%   (d) 70%

Q9. The ratio of the number of Indian tourists that went to USA to the number of Indian tourists who were below 30 years of age is ?

(a) 2:1   (b) 8:3   (c) 3:8   (d) Cannot be determined

Q10. If amongst other countries, Switzerland accounted for 25% of the Indian tourist traffic, and it is known from official Swiss records that a total of 25 lakh Indian tourists had gone to Switzerland during the year, then find the number of 30-39 year old Indian tourists who went abroad in that year?

(a) 18.75 lakh   (b) 25 lakh   (c) 50 lakh   (d) 75 lakh

Answer key

1	B	3	C	5	B	7	C	9	B
2	D	4	C	6	D	8	B	10	D