BLOGS

Sample Quantitative Techniques Questions for CLAT 2024

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Go through the passages and the relevant data mentioned below and answer the following questions:

A. Ria won a lottery amount of ₹ 5 lakhs in a lucky draw at a jewelry showroom. She deposited 20% of it in a bank at a compound interest rate of 10% p.a., invested 35% of the amount in shares, and bought a piece of land with the rest. Her investment in shares appreciated by 20% in the first year and depreciated by 10% in the subsequent year while the price of the land appreciated by 10% each year. She encashed all her investments at the end of the second year.

1. What was the total value of her investments at the end of the first year?

a) ₹5.675 lakhs
b) ₹5.75 lakhs
c) ₹5.875 lakhs
d) ₹5.95 lakhs

2. What is the ratio of the amount she got from the bank and shares together at the end of the second year to the price of the land at the end of the first year?

a) 2 : 1
b) 4 : 3
c) 5 : 4
d) 6 : 5

3. What is the increase in the total value of his investment from the beginning of the

first year to the end of the second year?

a) ₹85,150

b) ₹1,10,250

c) ₹ 1,15,150

d) ₹82,250

4. What is the percentage increase in the value of the investment from the beginning of the first year to the end of the first year?

a) 13.5%

b) 17.5%

c) 19.5%

d) 21.5%

5. What is the ratio of the increase in the value of his investment from the beginning of the first year to the end of the first year to the increase in the value of his investment from the end of the first year to the end of the second year?

a) 210 : 89

b) 270 : 59

c) 410 : 109

d) 510 : 11

Answers

1. a

2. c

3. d

4. a

5. b

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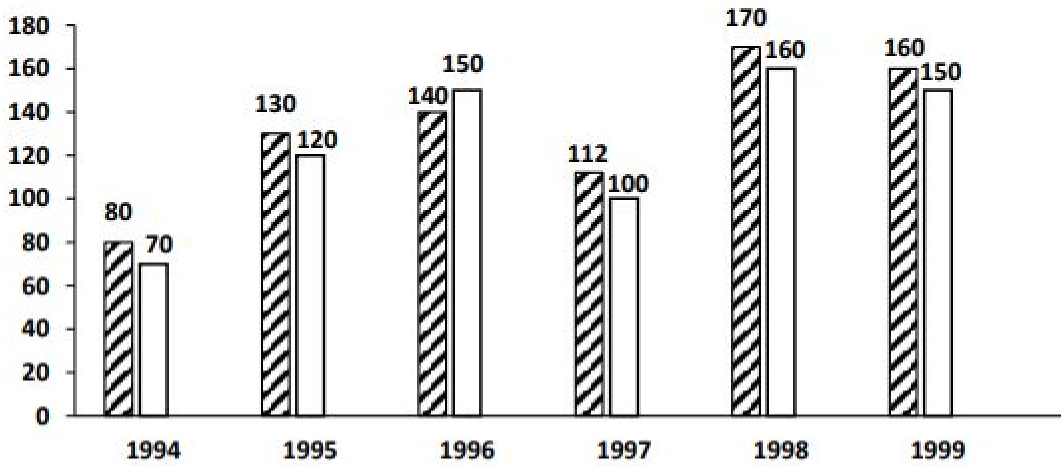
B. Answer these questions on the basis of the graph provided below:



1. In how many of the given years were the exports at least 10% more than the imports?

2. What were the average exports for the given period (in ‘000 crores)?

3. From 1995 to 1999, in which year was the percentage growth in exports, when compared to the previous year, the highest?

4. What is the simple average annual growth rate in the imports from 1994 to 1999?

5. Among the years in which the imports as well as exports exceeded those in the previous years, in how many years was the percentage increase in imports less than the percentage increase in exports?

Answers

1. c

2. b

3. a

4. d

5. a

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