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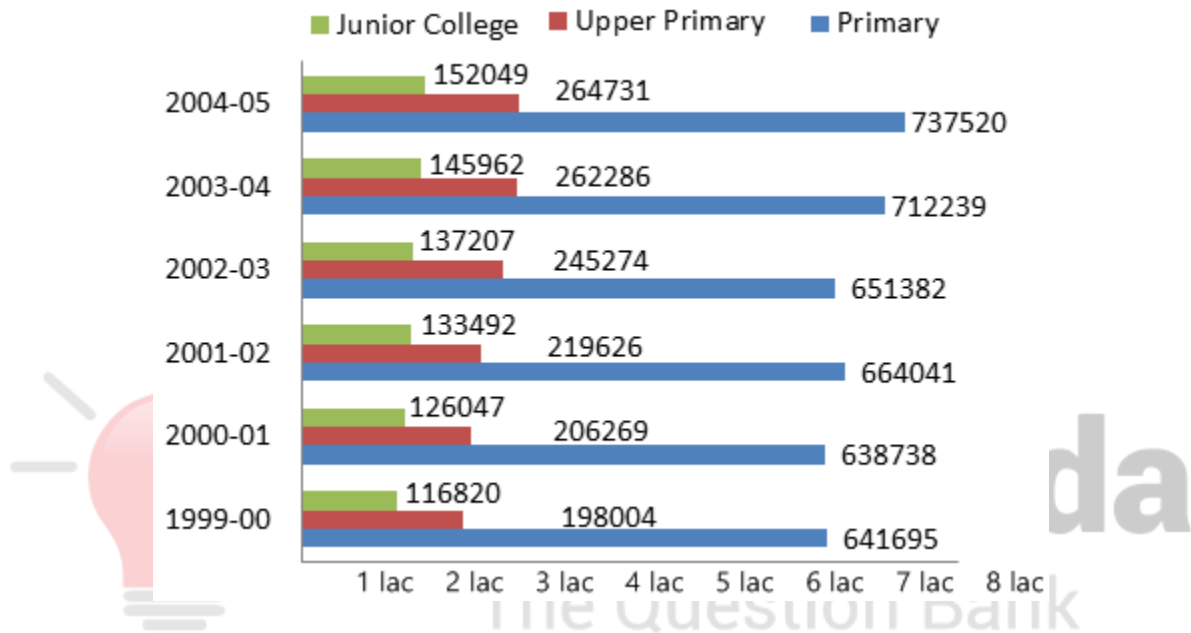
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DI Bar Chart Questions for IBPS Clerk Mains, SBI Clerk Mains, SBI PO Pre, IBPS PO Pre and LIC AAO Pre Exams.

DI Bar Chart No.74

Directions: Study the following bar chart carefully and answer the questions given beside.

Number of educational institutions in India



1. Which of the following year has seen the maximum percentage growth in the number of upper primary institutions over the previous year?

- A. 2000 – 01 B. 2001 – 02 C. 2002 – 03 D. 2003 – 04 E. 2004 – 05

2. Which of the following statement is definitely true?

- A. The increase in percentage share of Upper Primary Institutions in the year 2000 – 01 over the previous year is more than the decrease in percentage share of Primary Institutions in the same period
 B. The decrease in percentage share of Upper Primary Institutions in the year 2004 – 05 over the previous year is less than the decrease in percentage share of Primary Institutions in the same period
 C. The only year that has seen a decline in the percentage share of Primary Institutions over the previous year is 2001 – 02
 D. The decrease in percentage share of Junior colleges in the year 2003 – 04 over the previous year is less than the decrease in percentage share of Primary Institutions in the same period
 E. Only 1 and 3

3. Which of the following statement(s) is/are definitely true?

- A. The number of primary institutions first decreased and then increased over the years
- B. The number of Junior Colleges increased consistently over the years
- C. The number of Upper primary institutions increased consistently over the years
- D. Both II and III
- E. None of these

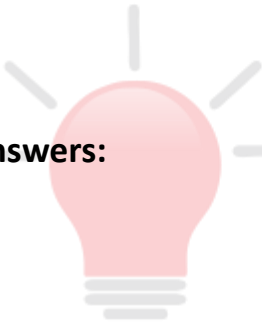
4. What is the number of years in which the total number of Upper Primary schools and Junior Colleges were less than the total number of Primary schools?

- A. 1
- B. 2
- C. 3
- D. More than 3
- E. None of these

5. Which year has witnessed the highest percentage growth in the number of primary institutes over the previous years?

- A. 2000 – 01
- B. 2001 – 02
- C. 2002 – 03
- D. 2003 – 04
- E. 2004 – 05

Correct Answers:



1	2	3	4	5
C	D	D	D	D



Explanations :

1. Percentage growth in the number of upper primary institutions in 2000 – 01

$$= \frac{206269 - 198004}{198004} = 4.17\%$$

Percentage growth in the number of upper primary institutions in 2001 – 02

$$= \frac{219626 - 206269}{206269} = 6.48\%$$

Percentage growth in the number of upper primary institutions in 2002 – 03

$$= \frac{245274 - 219626}{219626} = 11.68\%$$

Percentage growth in the number of upper primary institutions in 2003 – 04

$$= \frac{262286 - 245274}{245274} = 6.94\%$$

Thus, the year 2002 – 03 has seen the maximum percentage growth in the number of upper primary institutions over the previous year

Hence, option C is correct.

2. 1. Percentage share of Upper Primary Institutions in the year 1999 – 00

$$= \frac{198004}{956519} \times 100 = 20.70\%$$

Percentage share of Upper Primary Institutions in the year 2000 – 01 = $\frac{206269}{971054} \times 100 = 21.24\%$

The increase in percentage share of Upper Primary Institutions in the year 2000 – 01 over the previous year = $21.24 - 20.70 = 0.54\%$

Percentage share of Primary Institutions in the year 1999 – 00 = $\frac{641695}{956519} \times 100 = 67.09\%$

Percentage share of Primary Institutions in the year 2000 – 01 = $\frac{638738}{971054} \times 100 = 65.78\%$

The decrease in percentage share of Primary Institutions in the year 2000 – 01 over the previous year = $67.09\% - 65.78\% = 1.31\%$ (False)

2. Percentage share of Upper Primary Institutions in the year 2003 – 04 = 23.41%

Percentage share of Upper Primary Institutions in the year 2004 – 05 = 22.93%

The decrease in percentage share of Upper Primary Institutions in the year 2004 – 05 over the previous year = 0.48%

Percentage share of Primary Institutions in the year 2003 – 04 = 63.57%

Percentage share of Primary Institutions in the year 2004 – 05 = 63.89%

The increase in percentage share of Primary Institutions in the year 2004 – 05 over the previous year = 0.32% (false)

3. From option 1 we have already seen that the year 2001 – 02 has also seen a decline in the percentage share of Primary Institutions. (False)

4. Percentage share of Junior colleges in the year 2002 – 03 = 13.27%

Percentage share of Junior colleges in the year 2003 – 04 = 13.03%

The decrease in percentage share over the previous year = 0.24%

Percentage share of Primary Institutions in the year 2002 – 03 = 63.00%

Percentage share of Primary Institutions in the year 2003 – 04 = 63.57%

The increase in percentage share over the previous year = 0.57% (True)

Hence, option D is correct.

3. The first statement is false as the number of primary institutions first decreased then increased and then again decreased. The other statements are correct and it can be concluded by seeing the bar graph.

Hence, option D is correct.

4. In 1990 – 00, the total number of Upper Primary schools and Junior Colleges was less than the total number of Primary schools by $(641695 - 198004 - 116820) = 326871$

In 2000 – 01, the total number of Upper Primary schools and Junior Colleges was less than the total number of Primary schools by $(638738 - 206269 - 126047) = 306422$

In 2001 – 02, the total number of Upper Primary schools and Junior Colleges was less than the total number of Primary schools by 310923

In 2002 – 03, the total number of Upper Primary schools and Junior Colleges was less than the total number of Primary schools by 268901

In 2003 – 04, the total number of Upper Primary schools and Junior Colleges was less than the total number of Primary schools by 303991

In 2004 – 05, the total number of Upper Primary schools and Junior Colleges was less than the total number of Primary schools by 320740

Therefore, required number of years = 6

Hence, option D is correct.

5. There is no growth in the number of Primary schools in 2000 – 01 over previous year

Percentage growth in the number of primary institutions in 2001 – 02 = 4%

There is no growth in the number of Primary schools in 2002 – 03 over previous year

Percentage growth in the number of primary institutions in 2003 – 04 = 9.3%

Percentage growth in the number of upper primary institutions in 2004 – 05 = 3.5%

Thus, the year 2003 – 04 has seen the maximum percentage growth in the number of upper primary institutions over the previous year

Hence, option D is correct.



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