



**Bipin Nambiar**  
(SBI PO 2018)



**Shiraz Khan**  
(SBI Clerk 2018)



**Kuldeep Yadav**  
(SBI PO 2018)



**Rajat Saxena**  
(IBPS Clerk 2018)



**Anupam Tyagi**  
(IBPS PO 2018)

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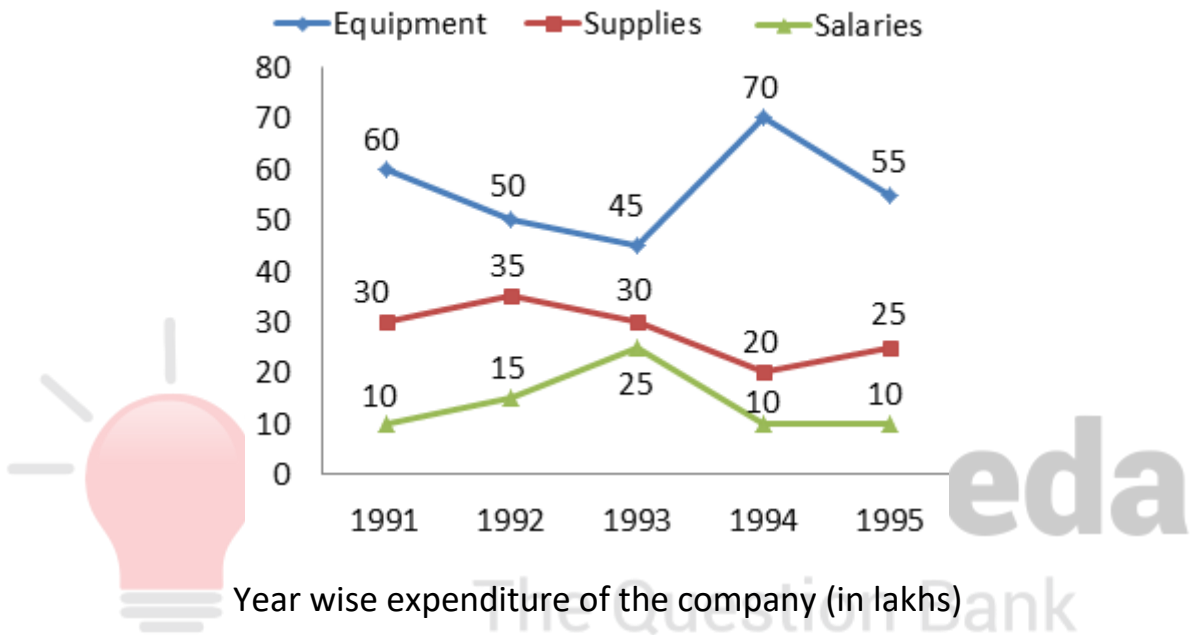
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# DI Mixed Chart Questions for SBI Clerk Pre, IBPS Clerk Pre, LIC Assistant Pre and IBPS RRB Assistant Pre Exams.

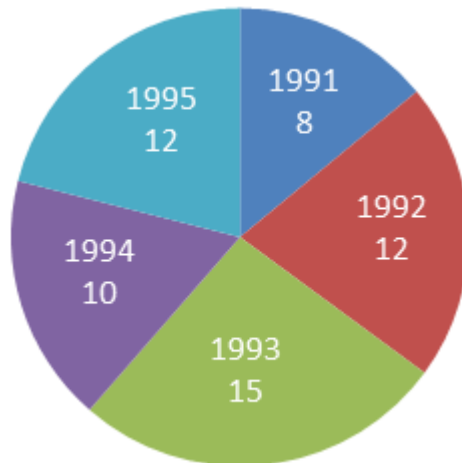
## DI Mixed Chart No.83

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

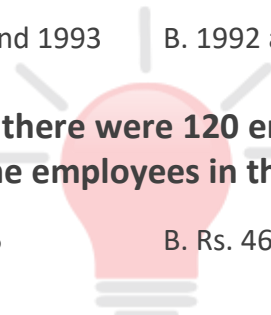
The following line graph shows the percentage distribution of spending by a company on different categories



Year wise expenditure of the company (in lakhs)



1. Of the following years, the year in which the company spent the highest amount on supplies was?  
 A. 1991                      B. 1993                      C. 1992                      D. 1994                      E. 1995
2. Of the following years, the one in which there was the highest amount of money spent on salaries is \_\_\_\_\_.  
 A. 1991                      B. 1992                      C. 1993                      D. 1994                      E. 1995
3. Of the company's expenditure on equipment in 1995,  $\frac{1}{3}^{\text{rd}}$  was for the purchase of mail room equipment and the remainder for the miscellaneous office equipment. How much was spent on miscellaneous office equipment in 1995?  
 A. Rs. 400000                      B. Rs. 40000                      C. Rs. 440000                      D. Rs. 800000                      E. None of these
4. In which of the following pair of years the percentage expenditure on salaries and equipment together is same?  
 A. 1991 and 1993                      B. 1992 and 1994                      C. 1991 and 1994                      D. 1992 and 1993                      E. 1991 and 1992
5. If there were 120 employees in the company in 1994 then, average annual salary to the employees in that year was approximately how much?  
 A. Rs. 445                      B. Rs. 460                      C. Rs. 833.33                      D. Rs. 880                      E. Data inadequate



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**Correct Answers:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
B	C	C	A	C

## Explanations :

1. Amount of supplies in various years:

$$1991 = 0.3 \times 800000 = 240000$$

$$1992 = 0.35 \times 1200000 = 420000$$

$$1993 = 0.30 \times 1500000 = 450000$$

$$1994 = 0.20 \times 1000000 = 200000$$

$$1995 = 0.25 \times 1200000 = 300000$$

So in 1993 expenditure on supplies is maximum

Hence, option B is correct.

2. In 1991:  $-8 \times 0.1 = 0.8$  units .....1 unit = 100 000

$$1992: -12 \times 0.15 = 1.8 \text{ units}$$

$$1993: -15 \times 0.25 = 3.75 \text{ units}$$

$$1994: -10 \times 0.1 = 1 \text{ unit}$$

$$1995: -12 \times 0.2 = 2.4 \text{ units}$$

Hence, option C is correct.

3. Expenditure spent on miscellaneous office equipment

$$\text{In 1995} = \frac{2}{3} \times 1200000 \times \frac{55}{100} = 440000$$

Hence, option C is correct.

4. Percentage of salaries & equipment of total expenditure

$$\text{In year 1991} = 10 + 60 = 70\%$$

$$\text{In year 1992} = 15 + 50 = 65\%$$

$$\text{In year 1993} = 25 + 45 = 70\%$$

$$\text{In year 1994} = 10 + 70 = 80\%$$

$$\text{In year 1995} = 10 + 55 = 65\%$$

Hence, in year 1991 & 1993 and 1992 & 1995, expenditure was same.

Hence, option A is correct.

5. Total expenditure for salary in 1994

On 120 employees =  $1000000 \times 10\% = 100000$

Hence, average =  $\frac{100000}{120} \approx \text{Rs.}833.33$

Hence, option C is correct.



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