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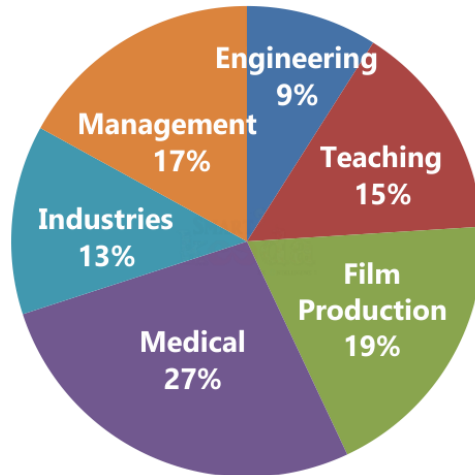
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Date Interpretation Pie Chart Questions for Bank PO Exams.

DI Pie Chart Quiz 6

Directions: Study the following graph carefully & answer the questions given below it.

Percentage-wise Distribution of Employees in Six Different Professions
Total Number of Employees = 26800



1. What is the difference between the total number of employees in teaching and medical profession together and the number of employees in management profession?
A. 6770 B. 7700 C. 6700 D. 7770 E. 7670
2. In management profession three-fourth of the number of employees are female. What the number of male employees in management profession?
A. 1239 B. 1143 C. 1156 D. 1289 E. 1139
3. 25% of employees from film production profession went on a strike. What is the number of employees from film production who have not participated in the strike?
A. 3271 B. 3819 C. 3948 D. 1273 E. 1246
4. What is the total number of employees in engineering profession and industries together?
A. 5698 B. 5884 C. 5687 D. 5896 E. 5487
5. In teaching profession if three-fifth of the teachers are not permanent, what is the number of permanent teachers in the teaching profession?
A. 1608 B. 1640 C. 1764 D. 1704 E. 1686

Correct Answers:

1	2	3	4	5
C	E	B	D	A

Explanations:

1. Percentage of employees in Teaching = 15%

Percentage of employees in Medical = 27%

Percentage of employees in Management = 17%

As per the question,

Total percentage of employees in teaching and medical = 15% + 27% = 42%.

Now, difference between total employees in teaching and medical and total employees in management = (42% – 17%) of 26800 = 25% of 26800

$$= \frac{25}{100} \times 26800 = 6700.$$

Hence, option C is correct.

2. Total employees in management = 17% of 26800

Now, Female employees = $\frac{3}{4}$ th, then men = $1 - \frac{3}{4}$ th = $\frac{1}{4}$ th.

$$\therefore \text{Male employees} = \frac{1}{4} \times 17\% \text{ of } 26800 = 1139.$$

Hence, option E is correct.

3. Total number of employees in Film production = 19% of 26800

Number of employees that did not go on strike = 100 - 25 = 75%

$$= \frac{3}{4} \text{th part}$$

$$\text{Reqd. no. of employees} = \frac{3}{4} \times \frac{19}{100} \times 26800 = 3819.$$

Hence, option B is correct.

4. Total percentage of Employees engineering and Industries = 9% + 13% = 22%

So, Total employees in engineering and industries

$$= 26800 \times \frac{22}{100} = 5896.$$

Hence, option D is correct.

5. Total number of employees in Teaching = 15% of 26800

Not permanent teachers

$= \frac{3}{5}$ th, then permanent teachers

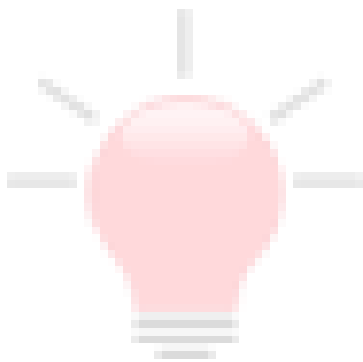
$$= 1 - \frac{3}{5} = \frac{2}{5}\text{th.}$$

∴ Number of permanent teachers

$$= \frac{2}{5} \times 15\% \text{ of } 26800$$

$$= \frac{2}{5} \times \frac{15}{100} = 1608.$$

Hence, option A is correct.



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