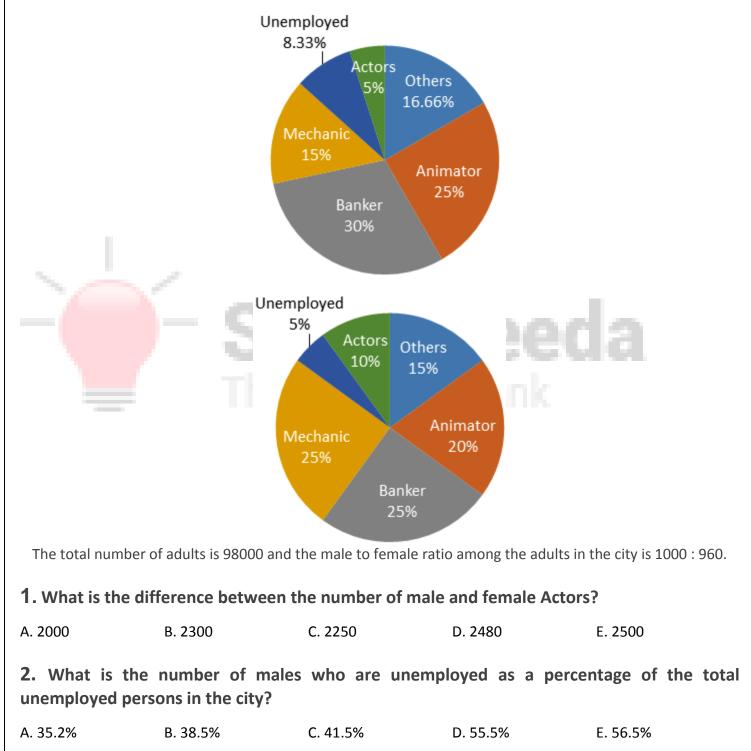


Date Interpretation Pie Chart Questions for IBPS PO, SBI PO & RBI Grade B Exams.

DI Pie Chart Quiz 29

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



3. If all the unemployed persons are given a monthly stipend of Rs.200 each, then what is the total amount distributed as stipend in one year, if the number of unemployed persons do not change throughout the year? A. Rs. 156560000 B. Rs. 15525000 C. Rs. 15700000 D. Rs. 15600000 E. Rs. 15178000 4. 40% of females and 20% of males who are shown as working in 'other' sectors are working in banks. The number of bank employees in the city is A. 1200 B. 1550 C. 3400 E. 4700 D. 4100 5. What is the ratio of the total number of Mechanics to that of Animators in the city? A. 197 : 220 B. 197 : 211 C. 77:83 F. 97:211 D. 35:47 **Correct Answers:** 1 2 3 4 5 Е А В А D **Explanations:** 1. The total number of persons = 98000 Male: Female = 1000 : 960 \Rightarrow Out of 1960, Males = 1000 \Rightarrow Out of 98000, Males = $\frac{98000}{1960} \times 1000 = 50000$ Number of Females = 98000 - 50000 = 48000The number of male Actors = 10% of 50000 = 5000The number of female Actors = 5% of 48000 = 2400 So, the difference = 5000 - 2400 = 2600Hence, option (A) is correct. 2. The total number of persons = 98000 Male: Female = 1000 : 960 \Rightarrow Out of 1960. Males = 1000 ⇒ Out of 98000, Males = $\frac{98000}{1960} \times 1000 = 50000$ Females = 98000 - 50000 = 48000 Unemployed males = $\frac{5}{100} \times 50000 = 2500$ Unemployed females = $\frac{8.33}{100} \times 48000 = 4000$ The required percentage = $\frac{2500}{6500} \times 100 = 38.5\%$ Hence, option (B) is correct.

3. The total number of persons = 98000 Male: Female = 1000 : 960 \Rightarrow Out of 1960, Males = 1000 \Rightarrow Out of 98000, Males = $\frac{98000}{1960} \times 1000 = 50000$ Females = 98000 - 50000 = 48000 The total number of unemployed persons $=\frac{8.33}{100} \times 48000 + \frac{5}{100} \times 50000 = 4000 + 2500 = 6500$ Each one is given a monthly stipend of Rs 200 \Rightarrow Monthly stipend = 6500 \times 200 = 1300000 \Rightarrow Yearly = 1300000 × 12 = 15600000 Hence, option (D) is correct. 4. The total number of persons = 98000 Male: Female = 1000 : 960 ⇒ Out of 1960, Males = 1000 ⇒ Out of 98000, Males = $\frac{98000}{1960} \times 1000 = 50000$ Females = 98000 - 50000 = 48000 Male bank employee = $\left(\frac{15}{100} \times 50000\right) \times \frac{20}{100} = 7500 \times \frac{20}{100} = 1500$ Female bank employee = $\left(\frac{16.66}{100} \times 48000\right) \times \frac{40}{100} = 8000 \times \frac{40}{100} = 3200$ So, The total no of bank employee = 3200 + 1500 = 4700 Hence, option (E) is correct. 5. Total number of Mechanics = $\frac{15}{100} \times 48000 + \frac{25}{100} \times 50000$ = 7200 + 12500 = 19700.Total number of Animators = $\frac{25}{100} \times 48000 + \frac{20}{100} \times 50000$ = 12000 + 10000 = 22000So, required ratio = $\frac{197}{220}$ Hence, option (A) is correct.

