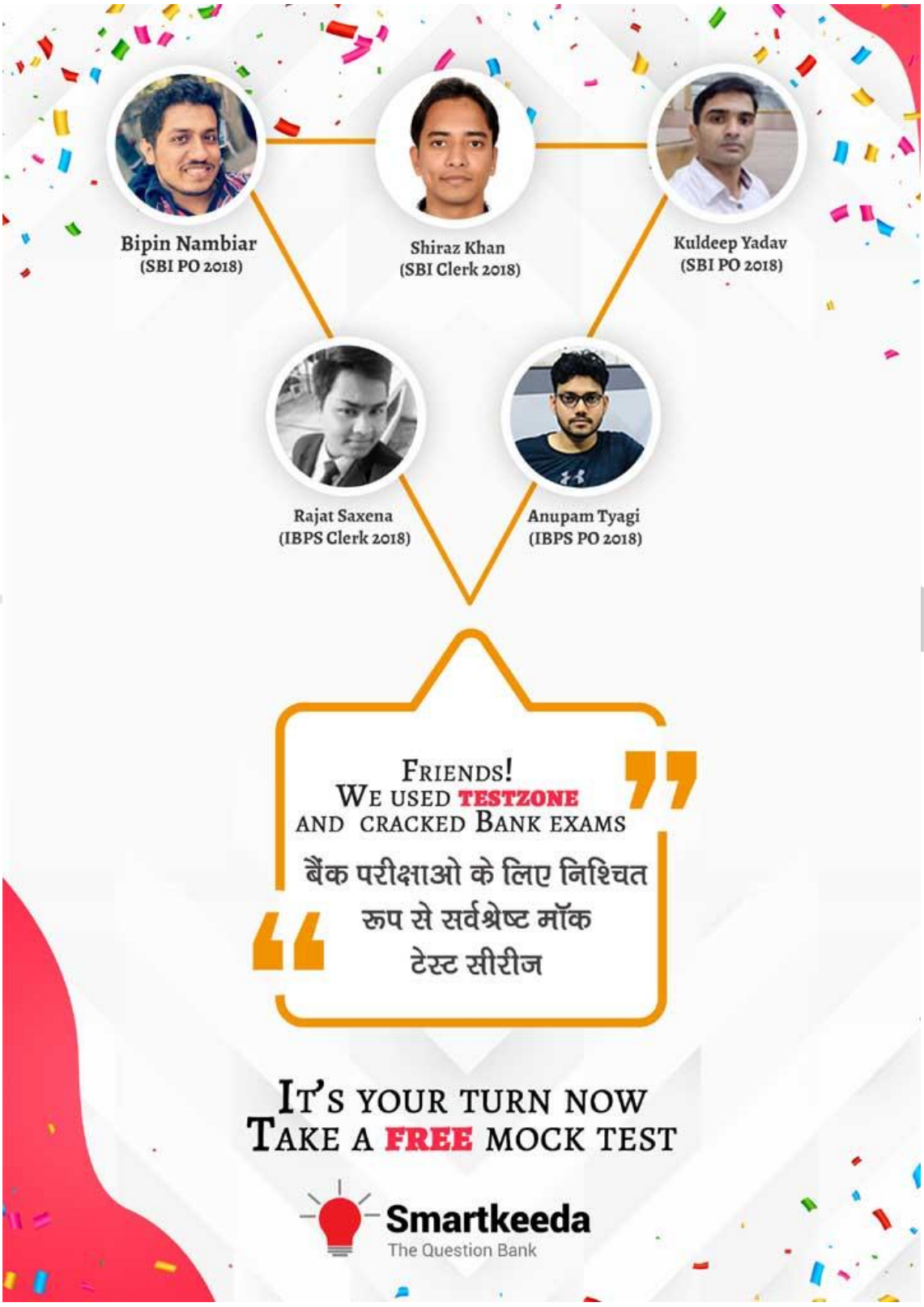
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The Question Bank

DI Table Chart Questions for IBPS PO Pre, IBPS Clerk, SBI PO Pre and SBI Clerk Exams

DI Table Chart No. 99

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

The following chart shows the number of employees in four companies- Microsoft, Samsung, Amazon and Google.

Each company has male and female employees, out of which, some are married and some are unmarried.

Company	Total Employees	Males	Females	Married Males	Unmarried Males	Married Females	Unmarried Females
Microsoft	756	526	–	325	–	–	–
Samsung	–	–	–	215	–	254	–
Amazon	–	159	–	–	–	–	–
Google	224	142	82	–	–	–	–

Note: Some values are missing in the table. Find the values on the basis of given information and answer accordingly.

1. If the number of unmarried females in Microsoft is 2 more than half the number of married females in the same company, find the difference between the unmarried males in Microsoft and unmarried females in Microsoft.

A. 113 B. 153 C. 123

D. 143 E. 133

2. The number of the unmarried males in Samsung is 26 more than the number of married males in the same company. The number of unmarried males are more than unmarried females in Samsung by 122. Find the total number of employees in Samsung.

A. 809 B. 819 C. 829

D. 839 E. 899

3. Number of females in Amazon is 147 more than the number of females in Microsoft. If the sum of married males and married females in Amazon is 115, then find the sum of unmarried males and unmarried females in Amazon.

A. 411 B. 421 C. 321

D. 381 E. 391

4. If in Microsoft, the total number of employees is 40% more than that of the Amazon and the ratio between the number of unmarried females in Google to the total number of employees in Amazon is 1 : 18, then find the total number of unmarried females in Google.

A. 25 B. 20 C. 24

D. 30 E. 52

5. The number of married females and unmarried females in Google are equal. If the number of married males in Google is 5 more than the number of married females in Google, then find the difference between unmarried males and unmarried females in Google.

A. 55 B. 65 C. 75

D. 50 E. 52

6. The number of the married males in Google is 46. If 124 males from Microsoft of whom 62 are married, are transferred to Google, then find the new number of unmarried males in Google.

A. 188 B. 178 C. 158

D. 168 E. 138

Correct answer:

1	2	3	4	5	6
C	C	B	D	A	C

Explanation:

1. Total number of female in Microsoft = 756 – 526 = 230

Let, the number of married female be x

∴ Total number of unmarried female = $\frac{x}{2} + 2$

∴ Total number of female in Microsoft

= $x + \frac{x}{2} + 2 = 230 \Rightarrow x = 152$

⇒ Married female = 152

∴ Unmarried female = 230 – 152 = 78

Unmarried male = total male – married male = 526 – 325 = 201

∴ Required difference = 201 – 78 = 123

Hence, option C is correct.

2. Total number of unmarried male in Samsung = (215 + 26) = 241

Total number of unmarried female in Samsung = (241 – 122) = 119

Total number of males in Samsung = (Married + Unmarried) = (215 + 241) = 456

Total number of females in Samsung = (Married + Unmarried) = (254 + 119) = 373

∴ Total number of employees in Samsung = (Male + Female) = (456 + 373) = 829

Hence, option C is correct.

3. Number of females in Microsoft = (756 – 526) = 230

Number of females in Amazon = (230 + 147) = 377

Number of males in Amazon = 159 (given)

Total number of employees in Amazon = 377 + 159 = 536

Given that married (Male + female) in Amazon = 115

∴ Unmarried (male + female) = total employees - married (male + female)

= (536 – 115) = 421

Hence, option B is correct.

4. Total number of employees in Microsoft = 756

∴ Total number of employees in Amazon

$= \frac{756}{140} \times 100 = 540$

Now,

$$\frac{\text{Unmarried females in Google}}{\text{Total number of employees in Amazon}} = \frac{1}{18}$$

$$\Rightarrow \frac{\text{Unmarried females in Google}}{540} = \frac{1}{18}$$

$$\text{Unmarried females in Google} = \frac{1}{18} \times 540 = 30$$

Hence, option D is correct.

5. Married females in Google = Unmarried females in Google

$= \frac{82}{2} = 41$

∴ Number of married males in Google = (41 + 5) = 46

∴ Number of unmarried males in Google = (142 – 46) = 96

∴ Required difference = (96 – 41) = 55

Hence, option A is correct.

6. Total number of males in Google = 142

Total number of married males in Google = 46

∴ Unmarried Male in Google = (142 – 46) = 96

Unmarried Males in Microsoft, who are transferred to Google = (124 – 62) = 62

∴ New number of unmarried males in Google = (96 + 62) = 158

Hence, option C is correct.