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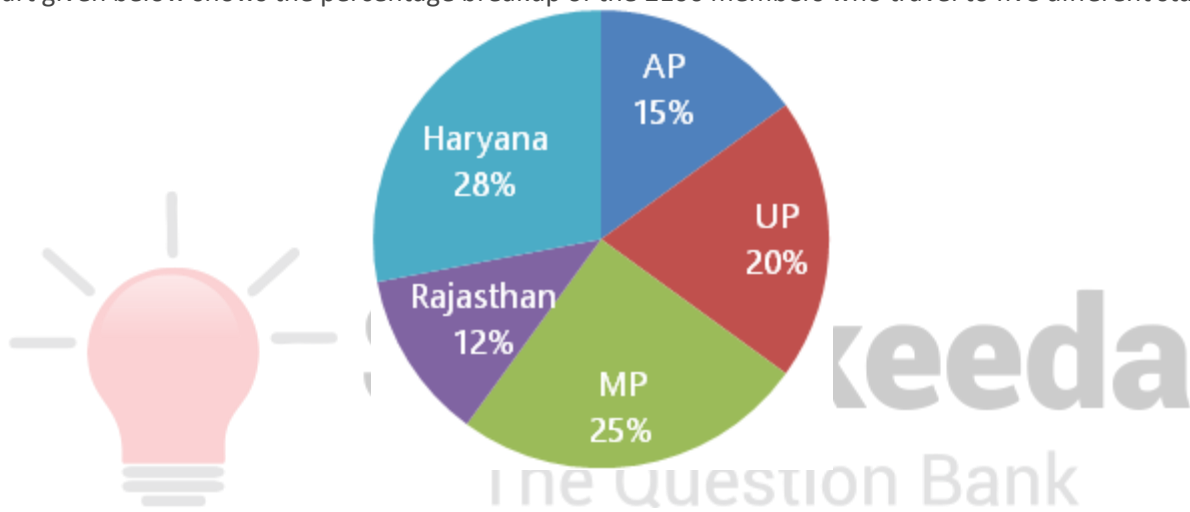
DI Mixed Chart Questions for SBI Clerk Mains, IBPS Clerk Mains, RBI Assistant Mains, LIC AAO, SBI PO Pre and IBPS PO Pre Exams.

DI Mixed Chart No 67

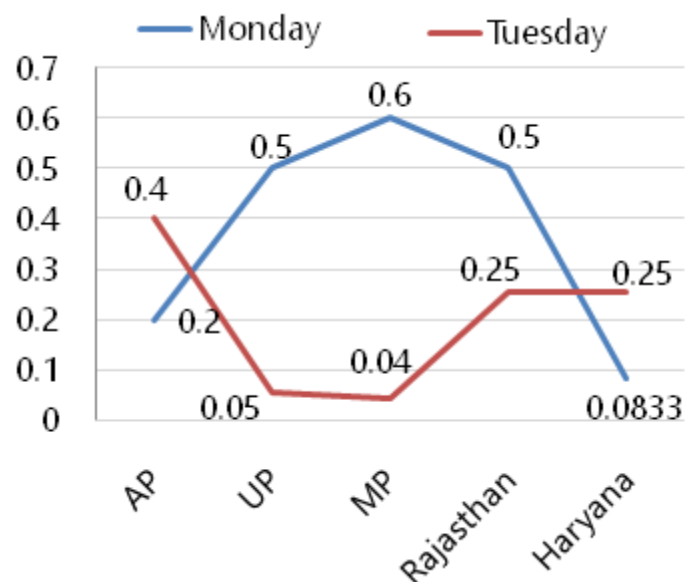
Directions : Study the following pie and line chart carefully and answer the questions given beside.

From a TG congregation in Delhi, 2100 TG members travel to five different states AP, MP, UP, Rajasthan and Haryana. All the members reached their respective states on Monday. All the TG members were COVID-19 positive and when they come in contact with other people those people become COVID-19 suspects.

The pie chart given below shows the percentage breakup of the 2100 members who travel to five different states.



The line chart given below shows the average number of people contacted per TG member in each state on Monday and Tuesday.



The suspects of a particular day are quarantined on that particular day only and they are no longer suspects on next day.

1. What is the total number of suspects in MP on Monday and Tuesday together?

A. 324

B. 296

C. 364

D. 336

E. 318

2. What is the difference between the total suspects of UP and Haryana on Monday and Tuesday together?

A. 35

B. 41

C. 32

D. 45

E. 27

3. The total number of suspects of UP and MP on Tuesday are what percent of the total suspects of Haryana on Monday and Tuesday together?

A. 23.33%

B. 18.45%

C. 21.42%

D. 19.33%

E. None of these

4. What is the average number of suspects in AP, MP and UP on Monday?

A. 178

B. 196

C. 204

D. 188

E. None of these

5. What is the difference between the suspects on Monday and Tuesday in Rajasthan?

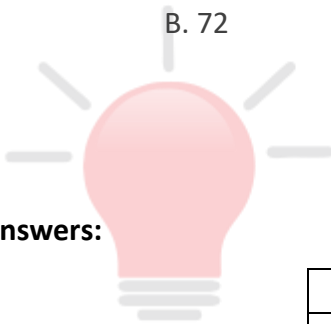
A. 58

B. 72

C. 63

D. 54

E. None of these



Correct Answers:

1	2	3	4	5
D	A	C	B	C

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Common Explanation:

Total TG Members = 2100

TG Members who go to AP = 15% (2100) = 315

Number of people contacted by TG members (suspects) in AP on Monday = $315 \times 0.2 = 63$

Tuesday = $315 \times 0.4 = 126$

Wednesday = $315 \times 0.1111 = 35$

Similarly, calculating for each state we get:

State	TG members	Suspects		Total
		Monday	Tuesday	
AP	315	63	126	189
UP	420	210	21	231
MP	525	315	21	336
Rajasthan	252	126	63	189
Haryana	588	49	147	196
Total	2100	763	378	1141

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Answers :

1. From common explanation, we have

$$\text{Required sum} = 315 + 21 = 336$$

Hence, option D is correct.

2. From common explanation, we have

$$\text{Required difference} = 231 - 196 = 35$$

Hence, option A is correct.

3. From common explanation, we have

$$\text{Reqd. \%} = \frac{21 + 21}{196} \times 100 = 21.42\%$$

Hence, option C is correct.

4. From the common explanation, we have

$$\text{Reqd. average} = \frac{63 + 210 + 315}{3} = 196$$

Hence, option B is correct.

5. From the common explanation, we have

$$\text{Required difference} = 126 - 63 = 63$$

Hence, option C is correct.

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