Date Interpretation Table Chart Questions for Bank Clerk Mains and PO Pre Exams.

DI Table Chart Quiz 37

Direction: Study the following table carefully and answer the questions based on it.

	Taj Mahal		Red Fort		India Gate	
	Total Visitors	Male : Female	Total Visitors	Male : Female	Total Visitors	Male : Female
2012	5250	5 : 9	6560	20 : 21	3294	1 : 2
2013	6372	4 : 5	7398	5 : 4	5392	9 : 7
2014	4194	2 : 1	5440	8 : 9	4890	3 : 2
2015	7239	10 : 9	7080	7 : 8	6080	3 : 5

1. What is the total number of male visitors who visited Taj Mahal and India Gate in all the years?

A. 19562   B. 25698   C. 20658   D. 30596   E. None of these

2. What is the difference between the female visitors who visited Taj Mahal, Red Fort and India Gate in 2014 together and the male visitors who visited Red Fort, Taj Mahal and India Gate in 2015 together?

A. 2460   B. 2860   C. 2560   D. 3160   E. 2960

3. What is average number of female visitors who visited Taj Mahal and Red Fort in 2012 and 2013 together?

A. 3390.75   B. 3256.25   C. 3956.50   D. 4256.20   E. None of these

4. Find the ratio of male visitors who visited Red Fort in 2012 and 2013 to that of the female visitors who visited India Gate in same years.

A. 411 : 326   B. 911 : 1482   C. 1462 : 911   D. 902 : 1085   E. None of these

5. The number of female visitors who visited India Gate in 2015 is approximately what percent of the male visitors who visited Red Fort in 2014?

A. 125%   B. 150%   C. 110%   D. 115%   E. 140%

Correct Answers:

1	2	3	4	5
C	D	A	C	B

Explanations:

1. Male visitors who visit Taj Mahal in 2012

$$= 5250 \times \frac{5}{14} = 1875$$

Male visitors who visit Taj Mahal in 2013

$$= 6372 \times \frac{4}{9} = 2832$$

Male visitors who visit Taj Mahal in 2014

$$= 4194 \times \frac{2}{3} = 2796$$

Male visitors who visit Taj Mahal in 2015

$$= 7239 \times \frac{10}{19} = 3810$$

Male visitors who visit India Gate in 2012

$$= 3294 \times \frac{1}{3} = 1098$$

Male visitors who visit India Gate in 2013

$$= 5392 \times \frac{9}{16} = 3033$$

Male visitors who visit India Gate in 2014

$$= 4890 \times \frac{3}{5} = 2934$$

Male visitors who visit India Gate in 2015

$$= 6080 \times \frac{3}{8} = 2280$$

Total = 1875 + 2832 + 2796 + 3810 + 1098 + 3033 + 2934 + 2280 = 20658

Hence, option C is correct.

2. Female visitors who visit Taj Mahal in 2014

$= 4194 \times \dfrac{1}{3} = 1398$

Female visitors who visit Red Fort in 2014

$= 5440 \times \dfrac{9}{17} = 2880$

Female visitors who visit India Gate in 2014

$= 4890 \times \dfrac{2}{5} = 1956$

Male visitors who visit Taj Mahal in 2015

$= 7239 \times \dfrac{10}{19} = 3810$

Male visitors who visit Red Fort in 2015

$= 7080 \times \dfrac{7}{15} = 3304$

Male visitors who visit India Gate in 2015

$= 6080 \times \dfrac{3}{8} = 2280$

Required Difference = (3810 + 3304 + 2280) − (1398 + 2880 + 1956)
= 9394 − 6234 = 3160
Hence, option D is correct.

3. Female visitors who visit Taj Mahal in 2012

$= 5250 \times \dfrac{9}{14} = 3375$

Female visitors who visit Taj Mahal in 2013

$= 6372 \times \dfrac{5}{9} = 3540$

Female visitors who visit Red Fort in 2012

$= 6560 \times \dfrac{21}{41} = 3360$

Female visitors who visit Red Fort in 2013

$= 7398 \times \dfrac{4}{9} = 3288$

Reqd. Avg. $= \dfrac{3375 + 3540 + 3360 + 3288}{4}$

$= \dfrac{13563}{4} = 3390.75$

Hence, option A is correct.

4. Male visitors who visit Red Fort in 2012

$= 6560 \times \dfrac{20}{41} = 3200$

Male visitors who visit Red Fort in 2013

$= 7398 \times \dfrac{5}{9} = 4110$

Female visitors who visit India Gate in 2012

$= 3294 \times \dfrac{2}{3} = 2196$

Female visitors who visit India Gate in 2013

$= 5392 \times \dfrac{7}{16} = 2359$

Required Ratio = 3200 + 4110 : 2196 + 2359

= 7310 : 4555 = 1462 : 911

Hence, option C is correct.

5. Female visitors who visit India Gate in 2015

$= 6080 \times \dfrac{5}{8} = 3800$

Male visitors who visit Red Fort in 2014

$= 5440 \times \dfrac{8}{17} = 2560$

Required % $= \dfrac{3800}{2560} \times 100$

= 148.43% ≈ 150%

Hence, option B is correct.