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Date Interpretation Bar Graph Questions for SBI PO Pre, IBPS PO Pre and IBPS Clerk Mains and SBI Clerk Mains Exams.

DI Bar Chart Quiz 30

Directions: Study the graph carefully and answer the following questions.

 Given bar graph shows the percentage of jobs held by Indians, Pakistanis and Bangladeshis in the Gulf over the different years. Study the bar graph and answer the following questions-

1. If the ratio of the total persons who are doing their jobs in the year 2013 and 2016 is 3:5 and the total Indians in the Gulf in 2016 are 4125, then find the total Bangladeshis in the year 2013 in Gulf.

A. 1525   B. 2250   C. 1575   D. 2275   E. None of these

2. If total Indians in Gulf in the year 2014 are equal to the total Pakistanis in Gulf in the year 2017, then find the ratio of Bangladeshis in Gulf in the respective years.

A. 2 : 5   B. 1 : 5   C. 3 : 5   D. 2 : 3   E. None of these

3. If total persons in 2015 are three times the total Bangladeshis in 2016 and also the total Indians in the year 2015 are 5670, then find that the total Indians in the year 2015 are how much per cent more than the total Bangladeshis in the year 2016.

A. 5%   B. 2.5%   C. 0%   D. 7.5%   E. 6 %

4. If the total Pakistanis in the year 2013 are 2250 and ratio of Pakistanis in the years 2013 and 2014 is 45:88, then find the total number of persons in the Gulf in the years 2013 and 2014 together.

A. 22000   B. 20000   C. 18000   D. 17500   E. 25000

5. **If ratio of total persons in all the given years from 2013 to 2017 is 2 : 3 : 3 : 4 : 5, then find the ratio of total Indians in the Gulf over all the given years from 2013 to 2017.**

A. 25 : 23 : 21 : 22 : 20
B. 23 : 27 : 25 : 24 : 30
C. 24 : 27 : 21 : 23 : 20
D. 23 : 27 : 21 : 22 : 20
E. None of these

Correct Answers:

1	2	3	4	5
C	B	A	B	D

Explanations:

1.   Total persons doing their jobs in Gulf in the year 2016

$$= 4125 \times \frac{100}{27.5} = 15000$$

Total persons doing their jobs in Gulf in the year 2013

$$= 15000 \times \frac{3}{5} = 9000$$

Total Bangladeshis in the year 2013 in Gulf = 17.5% of 9000 = 1575
Hence, option (C) is correct.

2.   Let persons in 2014 and 2017 are 'x' and 'y' respectively.
According to the problem-
$\Rightarrow$ 45% of x = 30% of y
$\Rightarrow$ x : y = 2 : 3
Required ratio $\Rightarrow$ 15% of x : 50% of y = 15x : 50y = 1 : 5
Hence, option (B) is correct.

3.

Total persons in 2015 = $5670 \times \dfrac{100}{35} = 16200$

Total Bangladeshis in 2016 = $\dfrac{16200}{3} = 5400$

Required per cent = $\dfrac{5670 - 5400}{5400} \times 100 = 5\%$

Hence, option (A) is correct.

4.

Total persons in the year 2013 = $2250 \times \dfrac{100}{25}$ = 9000

Total Pakistan is in the year 2014 = $2250 \times \dfrac{88}{45}$ = 4400

Total persons in the year 2014 = $4400 \times \dfrac{100}{40}$ = 11000

Total persons in the Gulf in the year 2013 and 2014 together = 9000 + 11000 = 20000
Hence, option (B) is correct.

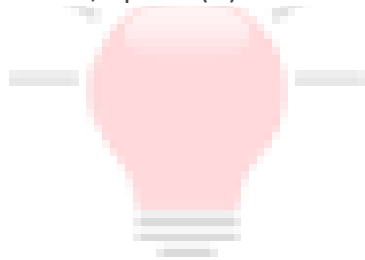**5.**   Let total number of persons in the given years be 2x, 3x, 3x, 4x and 5x respectively.

Required ratio ⇒ 57.5% of 2x : 45% of 3x : 35% of 3x : 27.5% of 4x : 20% of 5x

⇒ 57.5 × 2 : 45 × 3 : 35 × 3 : 27.5 × 4 : 20 × 5

⇒ 115 : 135 : 105 : 110 : 100

⇒ 23 : 27 : 21 : 22 : 20

Hence, option (D) is correct.