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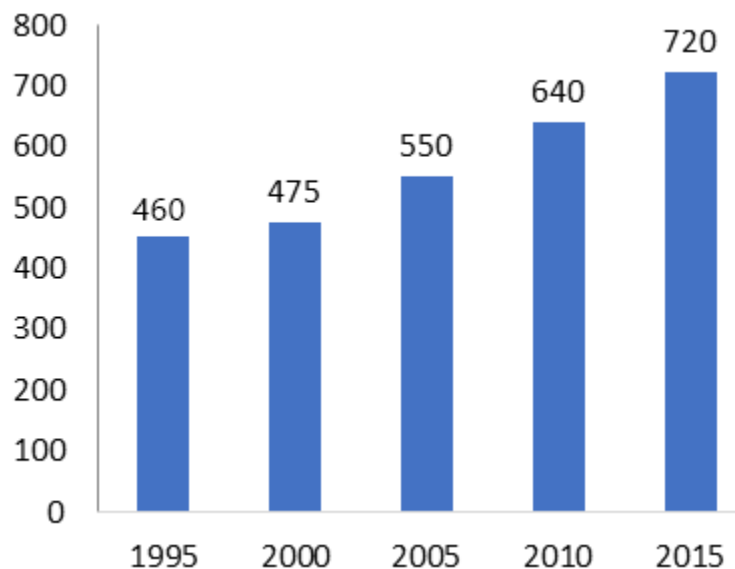- ☑ **Excellent Content**
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Date Interpretation Mixed Chart Questions for IBPS PO Pre, RRB Scale I Pre, SBI PO Pre, IBPS Clerk Mains, IBPS SO Pre, Canara Bank PO, Syndicate Bank PO and SBI Clerk Mains Exams.

DI Mixed Chart Quiz 58

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

The bar graph given below gives the information about the number of voters (in lakhs) in five different election. The table given below gives the information about election turnout rate and the percentage of female voters among election turnout during the five-given election.

Year	Election turnout rate	Percentage of female voters among election turnout
1995	70	40
2000	40	50
2005	60	30
2010	85	55
2015	80	60

1.   What is the difference between (in lakhs) the number of male voters turnout in the year 1995 and that in the year 2015?

A. 43.6   B. 42.2   C. 37.2   D. 40.4   E. None of these

2.   What is the sum of election turnout (in lakhs) in the year 2000 and 2015 together?

A. 766   B. 546   C. 786   D. 776   E. None of these

3.   In the year 2015, 10% of the total number of votes got invalid out of which 80% was of females then how many male votes were valid in that year?
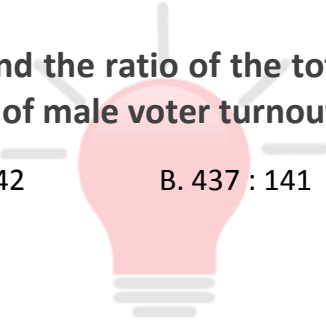
A. 268.88 lakhs   B. 238.48 lakhs   C. 246.38 lakhs   D. 218.88 lakhs   E. None of these

4.   What is the number of total male voter turnout in 2015?

A. 230.4 lakhs   B. 236.2 lakhs   C. 224.8 lakhs   D. 228.4 lakhs   E. None of these

5.   Find the ratio of the total election turnout in the years 2005 and 2010 together to the number of male voter turnout in the years 2005 and 2000 together?

A. 435 : 142   B. 437 : 141   C. 423 : 141   D. 437 : 163   E. None of these

Correct Answers:

1	2	3	4	5
C	A	D	A	D

Explanations:

1.

Year	Election turnout rate	Percentage of female voters among election turnout	
1995	70% of 460 = 322	40% of 322 = 128.8	322 – 128.8 = 193.2
2000	40% of 475 = 190	50% of 190 = 95	190 – 95 = 95
2005	60% of 550 = 330	30% of 330 = 99	330 – 99 = 231
2010	85% of 640 = 544	55% of 544 = 299.2	544 – 299.2 = 244.8
2015	80% of 720 = 576	60% of 576 = 345.6	576 – 345.6 = 230.4
Total	1962	967.6	994.4

The number of male voter turnout in the year 1995 = 193.2

The number of male voter turnout in the year 2015 = 230.4

The required difference = 230.4 – 193.2 = 37.2 lakhs

Hence, option C is correct.

2. The sum of election turnout (in lakhs) in the year 2000 and 2015 together = 190 + 576 = 766 lakhs

Hence, option A is correct.

3. The total number of election turnout in the year 2015 = 576 lakhs

The number of invalid votes = 10% of 576 = 57.6 lakhs

The number of males voter among them = (100 – 80)% of 57.6 = 20% of 57.6 = 11.52 lakhs

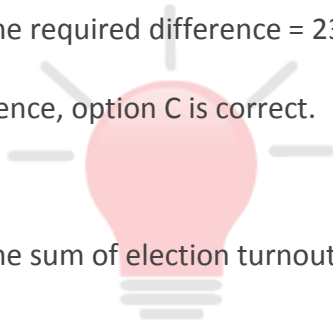The total number valid male votes = 230.4 – 11.52 = 218.88 lakhs

Hence, option D is correct.

4. The number of total male voter turnout in 2015 = 230.4 lakhs

Hence, option A is correct.

5. Total election turnout in the years 2005 and 2010 together = 330 + 544 = 874 lakhs

The male voter turnout in the years 2005 and 2000 together = 231 + 95 =326 lakhs

The required ratio = 874 : 284 = 437 : 163

Hence, option D is correct.