

Presents

# **TestZone**

India's least priced Test Series platform



## 12 Month Plan

2017-18 All Test Series



**₹399/-** 300+ Full Length Tests

- ☑ Brilliant Test Analysis
- **Excellent Content**
- **☑** Unmatched Explanations

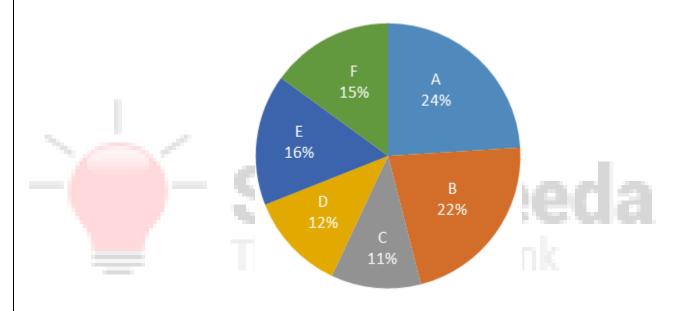
**JOIN NOW** 

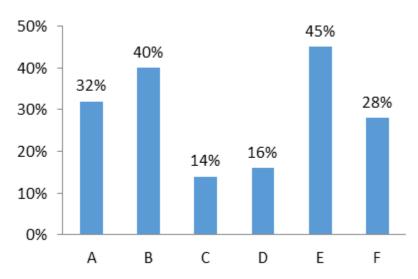
# Date Interpretation Mixed Chart Questions Quiz for IBPS PO Pre, SBI PO Pre, IBPS SO Pre, IBPS Clerk Mains, SBI Clerk Mains and RRB Scale I Pre Exams.

#### **Data Interpretation Mixed Chart Quiz 24**

Direction: Study the following pie chart and bar chart carefully and answer the questions based on it.

The following pie-chart shows the percentage of Votes casted in an election among six different candidates in a state in the year 2017. Also the bar graph shows the percentage of Invalid votes casted in the election in the year 2017.





1. If in 2017, total number of Invalid votes for Candidate F was 6048, then how many valid votes casted in the election for Candidate B?							
B. 24156		C. 24210		D. 19008	Ε.	None of these	
					7 were 5508. \	What was the	total number
	В. 29700		C. 2	7900	D. 30600	E.	None of these
3. If in the year 2018, there will be an increase of 15% and 24% in the number of votes casted for Candidates A and F respectively and the total number of votes casted for Candidate C in the year 2017 was 2970. What would be the total number of votes casted for Candidates A and F in 2018?							
	B. 10551		C. 12	2733	D. 15742	E.	None of these
	В. 27745	Sı	C. 24	4145	D. 32445	ed	None of these
er of Ir							
	B. 14 : 45	5	C. 7	7 : 540	D. 7 : 38	E.	None of these
swers:							
	alid vote ested for 2 year 2 Candid C in the s A and 1 the tota number er of Ir F?	B. 29700  E year 2018, the Candidates A C in the year 2018 B. 10551  7, the total number of votes er of Invalid votes F?	B. 29700  e year 2018, there will Candidates A and F Candidates A and F C in the year 2017 was A and F in 2018?  B. 10551  7, the total number of validates A and F in 2018 and F in 201	alid votes casted for Candidate steed for all Candidates together B. 29700 C. 27  e year 2018, there will be an Candidates A and F respect C in the year 2017 was 2970. Very A and F in 2018?  B. 10551 C. 17  7, the total number of votes casted the total number of valid vote  B. 27745 C. 24  number of votes casted for Caster of Invalid votes casted for F?	alid votes casted for Candidate A in 2010 sted for all Candidates together?  B. 29700 C. 27900  E year 2018, there will be an increase Candidates A and F respectively and C in the year 2017 was 2970. What wo S A and F in 2018?  B. 10551 C. 12733  7, the total number of votes casted in the total number of valid votes casted for Candidate C er of Invalid votes casted for C and identify the control of the casted for C and identify the casted	alid votes casted for Candidate A in 2017 were 5508. Vested for all Candidates together?  B. 29700 C. 27900 D. 30600  E year 2018, there will be an increase of 15% and a Candidates A and F respectively and the total of C in the year 2017 was 2970. What would be the total of A and F in 2018?  B. 10551 C. 12733 D. 15742  7, the total number of votes casted in the election for the total number of valid votes casted for Candidate of the total number of votes casted for Candidate of Candidate of Invalid votes casted for Candidate C to the F?	alid votes casted for Candidate A in 2017 were 5508. What was the ested for all Candidates together?  B. 29700 C. 27900 D. 30600 E. In the year 2018, there will be an increase of 15% and 24% in the new Candidates A and F respectively and the total number of w C in the year 2017 was 2970. What would be the total number of a A and F in 2018?  B. 10551 C. 12733 D. 15742 E. In the total number of valid votes casted in the election for the Candidate the total number of valid votes casted for Candidate D who particinal parts of votes casted for Candidate D in 2017 is 43200, then where of Invalid votes casted for Candidate C to that of valid votes.

#### **Explanations:**

#### **1.** Let total number of votes be '100x'.

Total number of votes casted for F = 15% of 100x = 15x

Total number of invalid votes casted for F = 28% of 15x = 4.2x = 6048 (Given)

$$\Rightarrow$$
 x = 1440

Total number of valid votes casted in the election for Candidate B = (100 - 40)% of 22% of  $100x = 13.2x = 13.2 \times 1440 = 19008$ 

Hence, option (D) is correct.

#### **2.** Let total number of votes be '100x'.

Total number of votes casted for A = 24% of 100x = 24x

Total number of valid votes casted for A = (100 - 32)% of 24x = 16.32x = 5508 (Given)

$$\Rightarrow$$
 x = 337.5

Total number of votes casted for all Candidates together =  $100x = 100 \times 337.5 = 33750$ 

Hence, option (A) is correct.

#### 3.

Votes casted for A in 2017 = 2970  $\times \frac{24}{11}$  = 6480

Votes casted for F in 2017 = 2970  $\times \frac{15}{11}$  = 4050

Total number of votes casted for A and F together in 2018 = 115% of 6480 + 124% of 4050 = 12474 Hence, option (E) is correct.

#### 4.

Total no. of votes casted in the election =  $31500 \times \frac{100}{16} = 196875$ 

Total number of valid votes casted for Candidate D = (100 - 16) % of 12% of 196875 = 19845 Hence, option (A) is correct.

#### **5.** Total number of votes casted in the election

$$=43200\times\frac{100}{12}=360000$$

Number of Invalid votes casted for Candidate C = 14% of 11% of 360000 = 5544

Number of valid votes casted for Candidate F = (100 - 28) % of 15% of 360000 = 38880

Required ratio = 5544 : 38880 = 77 : 540

Hence, option (C) is correct.

.





प्रस्तुत करते हैं

## **TestZone**

भारत की सबसे किफायती टेस्ट सीरीज़



### 12 Month Plan

2017-18 All Test Series

@ Just

₹399/-

300 + फुल लेन्थ टेस्ट

- 🗹 श्रेष्ठ विश्लेषण
- उत्कृष्ट विषय सामग्री बेजोड़ व्याख्या

अभी जुड़ें