



# SmartKeeda

The Question Bank

Presents

## TestZone

India's least priced Test Series platform

JOIN

### 12 Month Plan

2018-19 All Test Series

@ Just

# ₹ 499/-

300+ Full Length Tests

- Brilliant Test Analysis
- Excellent Content
- Unmatched Explanations

JOIN NOW

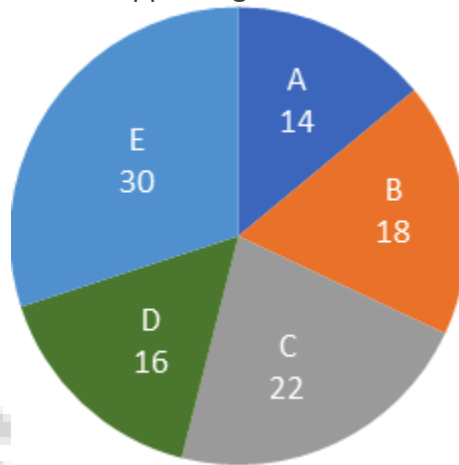
## Date Interpretation Pie Chart Questions for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

### DI Pie Chart Quiz 33

**Directions: Study the following pie chart carefully & answer the questions given below it.**

The following pie chart gives the information about the percentage breakup of the number of candidates appearing in an entrance examination from five different cities, A, B, C, D, and E.

Total number of candidates appearing in the entrance examination = 82000



1. The ratio of candidates passing and failing in the city A was 2 : 3 respectively, then total how many candidates passed from the city A?

- A. 4896      B. 4592      C. 4686      D. 4784      E. None of these

2. The total number of candidates appearing the examination from city C was what percentage of the total number of candidates appearing the exam from the city D?

- A. 37.5%      B. 47.5%      C. 137.5%      D. 147.5%      E. None of these

3. 13% of the total number of candidates who appeared the examination from city E passed the examination then total how many of candidates from city E didn't pass the examination?

- A. 21402      B. 22602      C. 23832      D. 20480      E. None of these

4. 60% of the candidates who appeared the examination from city C were male and 25% of the total number of candidates who appeared the exam were female, then total how many males appeared for the examination except city C?

- A. 61500      B. 52486      C. 50246      D. 50676      E. None of these

5. 40% of the total number of candidates who appeared for the examination from city A didn't pass the exam, then the number of candidates who passed the examination from city A was what percentage of the total number of candidates who appeared for the examination?

- A. 9.6%                      B. 8.4%                      C. 10.2%                      D. 9.2%                      E. None of these

**Correct Answers:**

1	2	3	4	5
B	C	A	D	B

**Explanations:**

- The total number of candidates appeared from the city A = 14% of 82000 = 11480  
 The number of candidates passed from the city A  

$$= \frac{2 \times 11480}{5} = 2296 \times 2 = 4592$$
 Hence, option B is correct.
- The total number of candidates appearing the examination from city C = 22% of 82000 = 18040  
 The total number of candidates appearing the examination from city D = 16% of 82000 = 13120  
 The reqd. % =  $\frac{18040 \times 100}{13120} = 137.5\%$   
 Hence, option C is correct.
- Total number of candidates who appeared the examination from city E = 30% of 82000 = 24600  
 13% of 24600 = 3198  
 candidates from city E didn't pass the examination = 24600 – 3198 = 21402  
 Hence, option A is correct.
- The total number of candidates appearing the examination from city C = 22% of 82000 = 18040  
 60% of 18040 = 10824  
 Total number of males who appeared the examination = (100 – 25) = 75% of 82000 = 61500  
 total males appeared the examination except city C = 61500 – 10824 = 50676  
 Hence, option D is correct.
- The total number of candidates appeared from the city A = 14% of 82000 = 11480  
 The total number of candidates from city A who passed the examination = (100 – 40) = 60% of 11480 = 6888  

$$\text{Reqd. \%} = \frac{6888 \times 100}{82000} = \frac{6888}{820} = 8.4\%$$
 Hence, option B is correct.



# SmartKeeda

The Question Bank

प्रस्तुत करते हैं

## TestZone

भारत की सबसे किफायती टेस्ट सीरीज़

अभी  
जुड़ें

### 12 Month Plan

2018-19 All Test Series

@ Just

# ₹ 499/-

300+ फुल लेन्थ टेस्ट

- श्रेष्ठ विश्लेषण
- उत्कृष्ट विषय सामग्री
- बेजोड़ व्याख्या

अभी जुड़ें