

## RBI Assistant Mains Quant Daily Mock

**Directions (1-5):** The following questions are accompanied by three statements I or A, II or B and III or C. You have to determine which statement(s) is/are sufficient/necessary to answer the questions and mark your answer accordingly

### Q1. What is the age of the Raghu in his family?

- I. Total age of Raghu, his father, his mother & his sister is 90 years.
- II. Average age of Raghu, his mother and his sister is 18 years and 4 months.
- III. Average age of his mother and sister is four seventh of his father's age.

- (a) Only I & II
- (b) Only I & III
- (c) Only II & III
- (d) All I, II & III
- (e) None of these

### Q2. What is the selling price of the T.V. set if no discount is offered?

- I. Profit earned was 20% when no discount was offered.
- II. Had 10% discount been offered on selling price the profit would have been Rs. 1200.
- III. Cost price is Rs. 15000.

- (a) Any two of the three
- (b) Only I & II
- (c) Only I & III
- (d) Only II & III
- (e) None of these

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### Q3. 12 women and 8 children can complete a piece of work in 24 days together. How many days will it take for 12 men and 12 women to complete the same work?

- A. 2 men can do as much work as 3 women and 2 children can do together.
- B. 3 women can do as much work as 6 children can do.
- C. All of them together can complete the entire work in  $\frac{768}{67}$  days.

- (a) Any two of them
- (b) Only from A and B
- (c) Only C
- (d) Either A or B only
- (e) No need of any information

### Q4. A train crosses a tunnel in 24 sec. Find out the length of the tunnel.

- A. Ratio between the lengths of a platform and the train is 7 : 5.
- B. The train crosses the platform in 18 sec.
- C. The speed of the train is 54 km/hr.

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- (a) Only A and B together
- (b) Only B and C together
- (c) Only A and C together
- (d) Questions can't be answered even after using all the information
- (e) All statements are required

**Q5. What is the marked price of the tv?**

- A. Shopkeeper gives 15% discount on the tv and he earns a total profit of 20 percent.
- B. The cost price of a table is 40% less than the cost price of tv.
- C. By selling the table in Rs.560 a profit of 10 percent is earned.

- (a) Only A or B alone
- (b) Only B or C alone
- (c) Only A and C together
- (d) Any two of them together
- (e) All statements are necessary.

**Directions (6-10):** Given below is the data about students appeared in two exams i.e., A and B in six different years i.e., 2011 to 2016. Total students appeared in both exam in 2016 is 8000 while in 2013 it is 5800. Average number of students appeared in exam B in 2011 and 2013 is 3100 and is in the ratio 18 : 13. Students appeared in exam A in year 2015 is  $\frac{100}{3}$  % more than students appeared in exam B in same year. Total students appeared in 2016 is 25% more than total students appeared in 2011. Students appeared in exam A in 2016 is 62(26/27) % more than students appeared in exam B in 2015. Ratio of total students appeared in 2016 & 2014 is 16 : 13. Total number of students appeared in exam A in all six years is 21,100. Students appeared in exam B in 2011 is same as student appeared in exam A in 2015. Students appeared in exam A in 2012 is 700 more than that of students appeared in same exam in 2014. Students appeared in exam B in 2014 is 1200 less than that of in same exam in 2012.

**Q6. In which year total students appeared in both exams is 3rd highest?**

- (a) 2012
- (b) 2014
- (c) 2016
- (d) 2011
- (e) Other than the given options

**Q7. What is the respective ratio between students appeared in exam A in year 2011, 2012 and 2014 together to the students appeared in exam B in year 2013, 2014 and 2016 together?**

- (a) 95 : 97
- (b) 99 : 97
- (c) 98 : 97
- (d) 99 : 95
- (e) 77 : 87

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**Q8. Find the difference between average number of students appeared in exam A and average of students appeared in exam B in starting four years?**

- (a) 250
- (b) 225
- (c) 215
- (d) 200
- (e) 300

**Q9. Students appeared in exam A in 2013 is how much less than students appeared in exam B in 2012?**

- (a) 1400
- (b) 1000
- (c) 1100
- (d) 1200
- (e) 1300

**Q10. Total number of students appeared in both exam in 2012 is what percent more than total number of students appeared in both exam in 2011?**

- (a) 25.25%
- (b) 28.25%
- (c) 31.25%
- (d) 34.25%
- (e) 37.25%

**Directions (11-15): what would come in place of question mark(?) in the following questions?**

**Q11.  $\frac{3}{5}$  of  $\frac{4}{7}$  of  $\frac{5}{9}$  of  $\frac{21}{24}$  of (4.375% of 11520) =?**

- (a) 96
- (b) 86
- (c) 84
- (d) 95
- (e) 92

**Q12.  $107 + \frac{3}{8}$  of  $168 \times (6.75\% \text{ of } 400)^2 = 1098 \div 18 + 2197 - 1872 - 90$**

- (a)  $\frac{1}{2}$
- (b) 1
- (c)  $\frac{1}{3}$
- (d)  $\frac{1}{4}$
- (e) 3

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Q13.  $\frac{5}{6} \div \frac{6}{7} \times ? - \left(88\frac{8}{9}\% \text{ of } 1\right) \div 1\frac{3}{5} + \frac{3}{4} \times 3\frac{1}{3} = 2\frac{7}{9}$

- (a)  $\frac{5}{6}$
- (b)  $\frac{6}{7}$
- (c)  $\frac{7}{6}$
- (d)  $\frac{6}{5}$
- (e)  $\frac{4}{7}$

Q14.  $\frac{28}{65} \times \frac{195}{308} + \frac{39}{44} + \frac{5}{22} = ?$

- (a)  $\frac{1}{3}$
- (b)  $\frac{61}{44}$
- (c)  $1\frac{1}{2}$
- (d)  $\frac{1}{2}$
- (e) 1.59

Q15.  $(23)^2 + (48)^2 - (39)^2 = ? + 1147$

- (a)  $(13)^2$
- (b) 144
- (c) 165
- (d) 12.8
- (e) 132



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