

# IBPS RRB PO 2022

## 40 Important Quantitative Aptitude Questions

### DOWNLOAD PDF



- Directions: In the following number series only one number is wrong. Find out the wrong number.  
26, 37, 50, 63, 82  
A. 26 B. 37  
C. 82 D. 63  
E. None of these
- Directions. What will come in place of the question marks (?) in the following Number series?  
4, 9, 25, 49, 121, 169, (?)  
A. 225 B. 289  
C. 361 D. 191  
E. None of these
- Directions: What will come in place of the question mark (?) in each of the following series?  
1430, 714, ?, 177, 87.5, 42.75  
A. 266 B. 772  
C. 564 D. 474  
E. None of these
- What should come in the place of question mark in the following series?  
5, 6, 16, 57, ?, 1245  
A. 244 B. 148  
C. 296 D. 271  
E. None of these
- Direction: What will come in place of the question mark (?) in the following number series?  
1332, 1729, 2198, 2745, ?  
A. 3376 B. 4097  
C. 3275 D. 3126  
E. None of these
- Directions: What will come in place of the question marks (?) in the following questions?  
 $44\% \text{ of } 125 + 75\% \text{ of } 840 = ?$   
A. 600 B. 666  
C. 685 D. 765  
E. None of these
- Direction: What should come in place of question mark (?) in the following questions?  
 $\left[ (144)^2 \div 48 \times 18 \right] \div 36 = \sqrt{?}$   
A. 23326 B. 36  
C. 216 D. 46656  
E. None of these
- Direction: Calculate the value of x in the following question.  
 $12\frac{2}{3} \times 12\frac{1}{3} + 22.5\% \text{ of } 480 = \frac{2}{9} + \frac{1}{2} \times 426 + x$   
A. 15 B. 72  
C. 51 D. 33  
E. None of these
- Direction: What approximate value should come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value.)

$$23 \times 17.5 + 63.774 - 321.3 \div 52.6 = ?$$

- A. 460 B. 520  
C. 600 D. 400  
E. 370

- What approximate value should come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value.)  
 $970\% \text{ of } 14 + 310\% \text{ of } 43 = ?$   
A. 240 B. 225  
C. 270 D. 300  
E. 320

**Direction (11-15):** Study the Table carefully to answer the questions that follow:

Number of Students Appeared (A) and Qualified (Q), in an Examination from Various Institutes over the Years

Years	2003		2004		2005		2006		2007	
Institute	A	Q	A	Q	A	Q	A	Q	A	Q
B	1545	1240	1654	1566	1684	1500	1440	1165	1564	1462
C	1647	1106	1897	1689	1550	1278	1390	1072	1575	1388
D	1765	1567	1574	1024	1754	1210	1364	1145	1510	1214
E	1530	1234	1886	1542	1806	1586	1478	1388	1654	1296
F	1605	1356	2004	1930	1666	1498	1560	1389	1690	1480

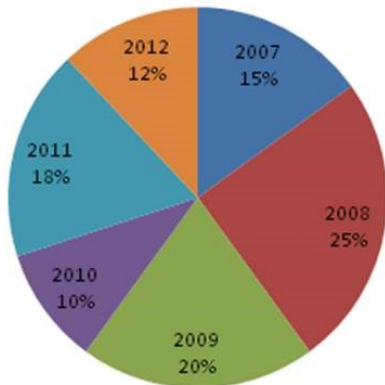
- What is the difference between the number of students appeared but not qualified in the exam from Institute B in the year 2004 and the number of students appeared but not qualified in the exam from the same Institute in the year 2006?  
A. 187 B. 88  
C. 275 D. 373  
E. None of the above
- What is the approximate average number of candidates appeared for the exam from Institute E over the years?  
A. 1759 B. 1586  
C. 1671 D. 1924  
E. 1837
- Percentage of candidates qualified over appeared from institute D is the lowest during which of the following years?  
A. 2003 B. 2004  
C. 2005 D. 2007  
E. None of these
- What is the percentage of the candidates qualified over the number of candidates appeared for the exam in the year 2005 from all Institutes together? (rounded off to two digits after decimal)  
A. 92.34 B. 73.47  
C. 66.94 D. 83.59  
E. None of these



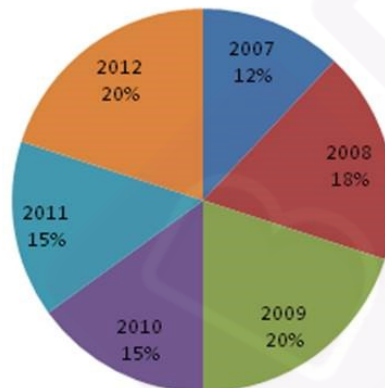
15. Approximately what is the percentage of candidates qualified over appeared from all the Institutes together in 2007?
- A. 68  
C. 74  
E. 86
- B. 55  
D. 92

**Direction (16-20):** Study the following pie-charts carefully and answer the questions given below:  
Year-wise Breakup of the number of candidates appeared for an entrance exam and Year-wise Breakup of the number of candidates who cleared the entrance exam.

Total Number of candidates appeared in the entrance exam from 2007-2012 = 260000



Total Number students who cleared the entrance test from 2007-2012 = 32000



16. What was the ratio of the number of students appeared for the entrance exam in 2009 and the number of students who cleared the exam in 2007 respectively?
- A. 18 : 4  
C. 325:24  
E. None of these
- B. 325:29  
D. 111 : 24
17. The total number of students appeared in entrance exam from 2008 and 2011 was what percentage of number of students appeared for the entrance exam in 2009?

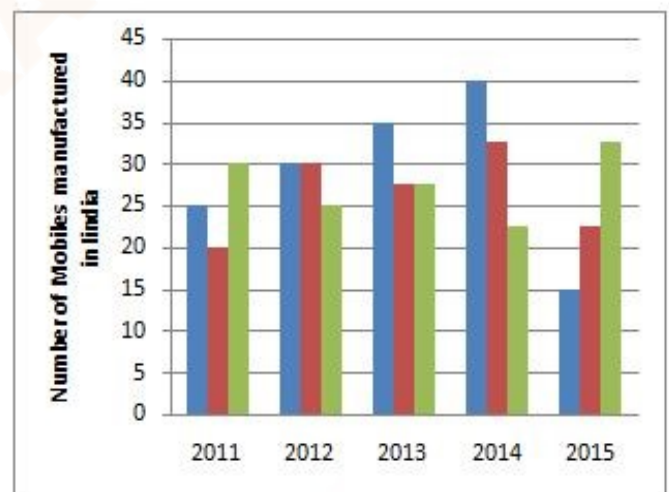
- A. 120%  
C. 215%  
E. None of these
- B. 150%  
D. 250%

18. What was the difference between the number of students who cleared the entrance exam in 2008 and number of students who cleared the entrance exam in 2010?
- A. 1120  
C. 960  
E. None of these
- B. 1020  
D. 912
19. The total number of students who cleared the exam from all years together is what percent of the total number of students appeared for the exam in all years together?
- A. 17.5%  
C. 11.5%  
E. None of these
- B. 15%  
D. 12.3%
20. What was the total number of students cleared the entrance exam in 2007 and 2012 together?
- A. 10240  
C. 11520  
E. None of these
- B. 15200  
D. 11220

**Directions (21-25):** Study the following graph carefully and answer the questions given below it:

Production of three types of mobiles by a company over the years (in lakh)

Type P- ■ Type Q- ■ Type R- ■



21. What was the percentage drop in the number of R type mobiles manufactured from 2013 to 2014?
- A. 18.18  
C. 23.25  
E. None of these
- B. 21.25  
D. 19.50



22. What was the difference between the number of Q type mobiles manufactured in 2013 and 2014?  
A. 6 lakh B. 5 lakh  
C. 5.5 lakh D. 4.75 lakh  
E. None of these
23. The total number of all the three types of mobiles manufactured was the least in which of the following years?  
A. 2014 B. 2015  
C. 2011 D. 2013  
E. None of these
24. In which of the following years was the percentage production of Q type to R type mobiles the maximum?  
A. 2013 B. 2011  
C. 2014 D. 2012  
E. None of these
25. The total production of R type mobiles in 2011 and 2012 together was what percentage of Q type mobiles in 2013?  
A. 220 B. 210  
C. 195 D. 185  
E. None of these

**Directions (26-30):** In the following question two equations numbered I and II are given. You have to solve both the equations and answer the question.

26. I.  $p^2 + 24 = 11p$   
II.  $2q^2 + 24 = 14q$   
A. If  $p > q$  B. If  $p \geq q$   
C. If  $p < q$  D. If  $p \leq q$   
E. If  $p = q$  or the relationship cannot be established
27. I.  $p^2 + 36 = 12p$   
II.  $4q^2 + 64 = 32q$   
A.  $p > q$  B.  $p \geq q$   
C.  $p < q$  D.  $p \leq q$   
E.  $p = q$  or the relationship cannot be established
28. I.  $3p^2 + 21p + 30 = 0$   
II.  $3q^2 + 17q + 24 = 0$   
A. If  $p > q$  B. If  $p \geq q$   
C. If  $p < q$  D. If  $p \leq q$   
E. If  $p = q$  or the relationship cannot be established
29. I.  $p^2 + 16p + 55 = 0$   
II.  $q^2 + 16q + 63 = 0$   
A. If  $p > q$  B. If  $p \geq q$   
C. If  $p < q$  D. If  $p \leq q$   
E. If  $p = q$  or the relationship cannot be established

30. I.  $p^2 = 9$   
II.  $q^2 + 6q = -9$   
A. If  $p > q$  B. If  $p \geq q$   
C. If  $p < q$  D. If  $p \leq q$   
E. If  $p = q$  or the relationship cannot be established
31. Anuj invested a certain amount in two schemes A & B in the ratio of 4:5. At the end of one year, he earned total dividend of 30% on his investment. After one year, he reinvested the amount including the dividend in the ratio of 6:7 in schemes A & B again. If the amount reinvested in scheme B was 94,500 rs. What was the original amount invested in scheme B?  
A. 71,000 Rs B. 75,000 Rs  
C. 95,000 Rs D. 60,000 Rs  
E. None of these
32. In one hour a swimmer goes 11 km along the stream and 5 km against the stream. The speed of the swimmer in still water (in km/h) is  
A. 5 B. 6  
C. 8 D. 9  
E. None of these
33. The simple interest accrued on a sum of certain principal is 4000 in four years at the rate of 8 p.c.p.a. What would be the compound interest accrued on same principal at same rate in two years?  
A. Rs. 1920 B. Rs. 1890  
C. Rs. 2080 D. Rs. 2160  
E. None of these
34. An amount of money is to be divided among K, L, and M in the ratio of 3:5:7 respectively if the amount received by M is Rs.3500 more than the amount received by L, what will be the total amount received by K and L together.  
A. Rs. 14000 B. Rs. 14500  
C. Rs. 13500 D. Rs. 13800  
E. None of these
35. Pradeep invested 20% more than Mohit. Mohit invested 10% less than Raghu. If the total sum of their investment is ₹ 17880, how much amount did Raghu invest?  
A. ₹ 6000 B. ₹ 8000  
C. ₹ 7000 D. ₹ 5000  
E. None of these
36. The ages of Nishi and vinnee are in the ratio of 6: 5 respectively. After 9 yr the ratio of their ages will be 9: 8. What is the difference in their ages?  
A. 9yr B. 7yr  
C. 5yr D. 3yr  
E. None of the above
37. Seema sold a mobile phone at the cost of Rs 1950 at a loss of 25%. At what cost will she have to sell it to get a profit of 30%?  
A. Rs 3300 B. Rs 2600  
C. Rs 2535 D. Rs 3380  
E. None of these





38. Train-A crosses a pole in 25 seconds and another Train-B crosses a pole in 1 min and 15 sec. Length of Train-A is half length of Train B. What is the respective ratio between the speeds of Train-A and Train-B?
- A. 3 : 2                      B. 3 : 4  
C. 4 : 3                      D. Cannot be determined  
E. None of these
39. 6 women alone can complete a piece of work in 10 days, whereas 10 children alone take 15 days to complete the same piece of work. How many days will 6 women and 10 children together take to complete the piece of work?
- A. 7                              B. 8  
C. 6                              D. 4  
E. None of these
40. There are 5 Red, 5 Blue and 5 Green balls in a Bag. Two balls are drawn at random. Find the probability that at least one ball out of drawn balls is Green
- A. 2/7                              B. 1/3  
C. 3/7                              D. 4/7  
E. None of these

\*\*\*



**IBPS RRB 2022**  
A Complete Course (Batch 4)

START FREE TRIAL