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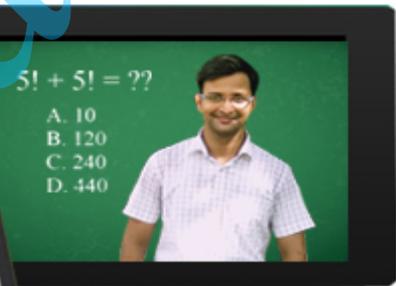
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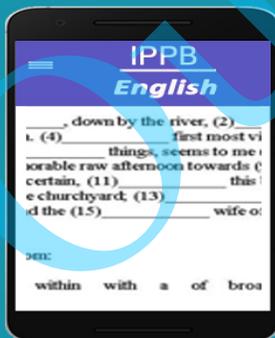


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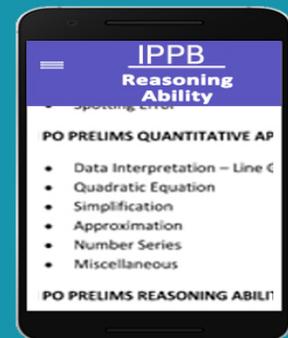
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**Indian Post Payment Bank (Assistant Manager) memory based
(QUANTITATIVE APTITUDE)
held on 07/01/2017**

Directions (36-40): What should come in place of the question mark (?) in the following number series?

Q36. 418, 208, 102, 48, ?, 5

- (a) 22 (b) 24 (c) 20
(d) 18 (e) 30

Q37. 180, 191, 193, 203, 206, ?

- (a) 215 (b) 225 (c) 205
(d) 315 (e) 305

Q38. 3, 4, 9, 28, ?, 566

- (a) 111 (b) 112 (c) 113
(d) 114 (e) 115

Q39. 153, 155, 160, 170, 187, ?

- (a) 211 (b) 212 (c) 213
(d) 214 (e) 215

Q40. 3, 1.5, 1.5, 3, 12, 96, ?

- (a) 1530 (b) 1430 (c) 1636
(d) 1436 (e) 1536

Directions (41-45): In the following table the no. of registered voters are given from five states. Percentage of voters who cast their votes out of total voters is given. Ratio of male and female out of total voters registered are also given. Following data is from year 2016-

State ↓	Total registered voters (in thousands)	% of voters who cast their votes	Male to female ratio (out of total voters who cast their vote)
UP	26500	83	3 : 2
Uttarakhand	13500	78	7 : 3
Goa	9200	91	1 : 1
Manipur	4900	79	4 : 3
Punjab	18500	88	2 : 3

Q41. Total no. of males who cast their votes from UP and Goa together are approximately what percentage more or less than the total no. of registered voters from Manipur?

- (a) 260% (b) 255% (c) 258%
(d) 270% (e) 275%

Q42. If in year 2017, Total the no. of registered voters increased by 20% from Goa while Total no. of registered voters increased by 25% from UP then find the total no. of registered voters (in thousands) From Up and Goa together in 2017

- (a) 38970 (b) 42170 (c) 44165
(d) 47195 (e) None of these

Q43. Find the ratio between total number of females who cast their votes from Manipur and Uttarakhand together to the total no. of males who cast their votes from Goa and Manipur together?

- (a) 2409 : 3199 (b) 3199 : 2409
(c) 3231 : 1652 (d) 1625 : 3243
(e) None of these

Q44. Find the difference b/w the average no. of registered voters from U.P. and Punjab together and the total no. of voters registered from Uttarakhand and Manipur together?

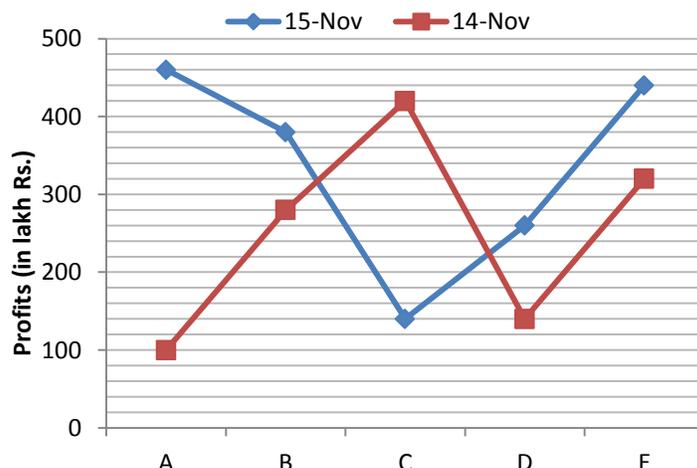
- (a) 51 lakh (b) 43 lakh (c) 37 lakh
(d) 41 lakh (e) 39 lakh

Q45. If 10% of the total no. of voters from Punjab are from minority and 45% of them are Sikh Community and remaining of them are from Hindu Community, then find the total no. of voters registered from Punjab who belong to Hindu Community?

- (a) 89.10 lakh (b) 87.25 lakh
(c) 79.77 lakh (d) 81.50 lakh
(e) 83.25 lakh

Directions (46-50): Read the following line graph and answer the following questions given below it :

There are five companies A, B, C, D and E. Total profit (in Rs.) of these five companies is given in Nov - 2014 and Nov- 2015



Q46. If in Nov-2016 there is a increase of 20% profit for company B as comparison to Nov 2015 and there is a 35% increase in profit for company E in Nov



2016 as a comparison to Nov 2014 then find the difference (in lakhs) between the profit earned for company B in Nov 2016 and that for company E in Nov 2016?

- (a) 21 lakh (b) 24 lakh (c) 26 lakh
(d) 28 lakh (e) None of these

Q47. The profit earned for company A, C and E together in Nov-2014 is what percent more/less than the total profit earned for company B and D together in Nov-2015?

- (a) 31.5 % (b) 31.75% (c) 29.75%
(d) 31.25% (e) None of these

Q48. Find the difference between the total profit earned for five company in Nov-2014 to that of Nov-2015?

- (a) 420 lakh (b) 380 lakh (c) 450 lakh
(d) 480 lakh (e) None of these

Q49. Find the ratio between the total profit earned for company C in Nov-2014 and Nov-2015 together to the total profit earned for company D in Nov-2014 and Nov-2015 together?

- (a) 4 : 7 (b) 7 : 3 (c) 3 : 7
(d) 5 : 7 (e) 7 : 5

Q50. Find the difference between the average profit earned in Nov-2014 for company A and B together and the average profit earned in Nov-2015 for company D and E together?

- (a) 140 lakh (b) 150 lakh (c) 190 lakh
(d) 170 lakh (e) 165 lakh

Directions (51-55): What will come in place of the question-mark (?) in the following questions?

Q51. $-(3 - \quad)$

- (a) 4 — (b) - (c) —
(d) - (e) None of these

Q52. $36251 + 43261 = ? + 52310$

- (a) 27202 (b) 28102 (c) 29302
(d) 26602 (e) None of these

Q53. $7 - \text{of } 534 + 262 = 61800 - ?$

- (a) 56533 (b) 57533 (c) 58533
(d) 37355 (e) None of these

Q54. $72\% \text{ of } 486 - 64\% \text{ of } 261 = ?$

- (a) 184.66 (b) 183.66 (c) 188.88
(d) 182.88 (e) 186.24

Q55. $? \div 62 \times 12 = 264$

- (a) 1364 (b) 1284 (c) 1348
(d) 1388 (e) None of these

Directions (56-60): In each of these questions two equations (I) and (II) are given. You have to solve both the equations and give answer

- (a) if $x > y$ (b) if $x \geq y$
(b) if $x < y$ (d) if $x \leq y$
(e) if $x = y$ or the relationship between x and y cannot be established

Q56. I. $x^2 + 12x + 36 = 0$ II. $y^2 + 15y + 56 = 0$

Q57. I. $x^2 = 35$ II. $y^2 + 13y + 42 = 0$

Q58. I. $2x^2 - 3x - 35 = 0$ II. $y^2 - 7y + 6 = 0$

Q59. I. $6x^2 - 29x + 35 = 0$ II. $2y^2 - 19y + 35 = 0$

Q60. I. $12x^2 - 47x + 40 = 0$ II. $4y^2 + 3y - 10 = 0$

Q61. Amit can do a piece of work in 24 days, Bhuvan can do the same work in 16 days, and Chirag can do the same job in t th time required by both Amit and Bhuvan. Amit and Bhuvan work together for 6 days, then Chirag completes the job. How many days did Chirag work?

- (a) 2— (b) 4 (c) 2
(d) 2— (e) None of these

Q62. A sells a horse to B for Rs. 9720, thereby losing 19 per cent, B sells it to C at a price which would have given A 17 per cent profit. Find B's gain.

- (a) Rs. 4320 (b) Rs. 4610 (c) Rs. 4260
(d) Rs. 4160 (e) None of these

Q63. The average age of A and B is 20 years. If C were to replace A, the average would be 19 and if C were to replace B, the average would be 21. What are the ages of A, B and C respectively?

- (a) 22, 18, 20 (b) 18, 22, 20
(c) 22, 20, 18 (d) 18, 20, 22
(e) None of these

Q64. In an election between 2 candidates, 75% of the voters cast their votes, out of which 2% votes were declared invalid. A candidate got 18522 votes which were 75% of the valid votes. The total number of voters enrolled in the election was:

- (a) 36000 (b) 36400
(c) 33600 (d) 34800
(e) None of these

Q65. Two vessels A and B contains milk and water mixed in the ratio 8:5 and 5:2 respectively. The ratio in which these two mixture be mixed to get a new mixture containing 69—% milk is

- (a) 3:5 (b) 5:2 (c) 5:7
(d) 2:7 (e) None of these

Q66. The length of each side of a rhombus is equal to the length of the side of square whose diagonal is $\sqrt{}$. If the length of the diagonals of rhombus are in ratio 3:4, then its area (in cm^2) is:

- (a) 6144 cm^2 (b) 6515 cm^2
(c) 6554 cm^2 (d) 6600 cm^2
(e) None of these

Q67. A man gave 50% of his savings of Rs. 168200 to his wife and divided the remaining sum among his sons Aakash and Bahadur of 15 and 13 years of age respectively. He divided it in such a way that each of his sons when they attain the age of 18 years, would receive the same amount, if interest



rate is 5% compound interest per annum. The share of Bahadur was:

- (a) Rs. 42050
- (b) Rs.40000
- (c) Rs. 45000
- (d) Rs. 45500
- (e) None of these

Q68. An ore contains 20% of an alloy that has 85% iron. Other than this, in the remaining 80% of the ore, there is no iron. What is the quantity of ore (in kg) needed to obtain 60 kg of pure iron? (upto two decimal points)

- (a) 366 - kg
- (b) 352.94 kg
- (c) 267 kg
- (d) 267 - kg
- (e) 366.58 kg

Q69. A shopkeeper buys 144 items at 1.8 Rs each. But later he realized that 13-% of the total items are defected and could not be sold. He sells the remaining at Rs. 2.4 each. What is his overall gain percentage?

- (a) 14-%
- (b) 14-%
- (c) 15%
- (d) -
- (e) None of these

Q70. A person invests money in 3 different schemes for 3 years, 5 years and 6 years at 10%, 12% and 15% simple interest respectively. At the completion of each scheme, he gets the same interest. The ratio of his investments is

- (a) 2:3:6
- (b) 2:5:6
- (c) 6:5:2
- (d) 6:5:3
- (e) None of these

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