

IBPS CLERK PRE-2017 (QUANT) MEMORY BASED By ADDA247

- Q36. Ratio of speed of boat in down stream and speed of stream is 9:1, if speed of current is 3 km per hr, then find distance travelled(in km) upstream in 5 hours.
- (a) 105
(b) 110
(c) 120
(d) 90
(e) 95
- Q37. Sum of 4 consecutive even numbers are greater than three consecutive odd numbers by 81. If sum of least odd and even number is 59, then find the sum of largest odd and even numbers.
- (a) 69
(b) 71
(c) 73
(d) 67
(e) None of these
- Q38. Two different amounts are invested in two schemes. In scheme A, amount X is invested at 8 % per annum and in scheme B amount (X+1400) is invested at 12% per annum. After 2 years difference between both interests is 880, then find value of X?
- (a) 7200
(b) 5500
(c) 6800
(d) 7300
(e) None of these

Directions (39-43): Given below is the table that shows the number of books sold from five stores on five days. Study the table carefully to answer the question.

Stores	Sunday	Monday	Tuesday	Wednesday	Thursday
A	77	80	49	93	58
B	89	57	55	85	54
C	56	36	82	90	40
D	68	74	78	70	95
E	82	65	90	86	84

- Q39. What is the ratio of total number of books sold from store D on Sunday, Monday and Tuesday together to that sold from store E on Tuesday, Wednesday and Thursday together.
- (a) 13 : 11
(b) 11 : 15
(c) 11 : 13
(d) 13 : 15
(e) 11 : 17

- Q40. Number of books sold on Friday from stores C and D increased by 15% and 20% respectively as compared to that sold on previous day. What number of books the stores C & D sold on Friday?
- (a) 162
 - (b) 158
 - (c) 150
 - (d) 160
 - (e) 168
- Q41. Total numbers of books sold from store B on Tuesday and Wednesday together are what percent more or less than total books sold from stores C & D together on Monday?
- (a) $27\frac{3}{13}\%$
 - (b) $27\frac{3}{11}\%$
 - (c) $25\frac{2}{11}\%$
 - (d) $24\frac{3}{11}\%$
 - (e) None of these
- Q42. What is the average number of books sold from stores B on Sunday, C on Tuesday and E on Thursday ?
- (a) 82
 - (b) 80
 - (c) 88
 - (d) 75
 - (e) 85
- Q43. Find the difference in total number of books sold from stores C and E together on Tuesday and From store B on Monday and Thursday together?
- (a) 61
 - (b) 65
 - (c) 59
 - (d) 60
 - (e) 63

Directions (44-48): What should come in place of the question mark(?) in following no. series?

Q44. 255, 230, 250, 235, 245, ?

- (a) 245
- (b) 240
- (c) 225
- (d) 260
- (e) 265

Q45. 5, 3.5, 5, ?, 21.5, 56.75

- (a) 7.5
- (b) 8.5
- (c) 9.5
- (d) 10.5
- (e) 9

Q46. 8, 4, 4, 8, 32, ?

- (a) 512
- (b) 128
- (c) 248
- (d) 256
- (e) 232

Q47. 129, 128, 124, 115, ?, 74

- (a) 99
- (b) 98
- (c) 101
- (d) 97
- (e) 103

Q48. 0.5, 1.5, 5, 18, 76, ?

- (a) 380
- (b) 385
- (c) 390
- (d) 375
- (e) 395

Q49. Average age of A and B, 2 years ago was 26. If age of A 5 years hence is 40 yrs, and B is 5 year younger to C, then find difference between age of A and C?

- (a) 8
- (b) 10
- (c) 9
- (d) 12
- (e) None of these

Q50. Average of X, Y, Z is 24, $X:Y = 2:3$, $X+Y = 60$, then find $X-Z=?$

- (a) 16
- (b) 14
- (c) 8
- (d) 10
- (e) 12

Q51. Cost price of two articles is same, trade man got profit of 40% on first article, selling price of second article is 25% less than first article, then find over all profit percent.

- (a) 23%
- (b) $12\frac{1}{2}\%$
- (c) 25%
- (d) $22\frac{1}{2}\%$
- (e) None of these

Q52. Length of rectangle is 80% of diagonal of square of area 1225, then find area of rectangle if it's perimeter is $94\sqrt{2}$.

- (a) 1016
- (b) 500
- (c) 1604
- (d) 1064
- (e) 625

Q53. Annual salary of Arun is 7.68 lac. In a month if he spends 12000 on his children, $\frac{1}{13}$ th of rest on food and 8000 in mutual funds from his monthly salary, then find the monthly saving he is left with.

- (a) 40,000
- (b) 45,000
- (c) 50,000
- (d) 36,000
- (e) None of these

Directions (54-68): What should come in place question mark (?) following simplification problems?

Q54. $40\% \text{ of } \left(\frac{20}{4} \times ?\right) = 48$

- (a) 20
- (b) 24
- (c) 28
- (d) 32
- (e) 22

Q55. $(2.5 + 1.5)(3.5 + 1.5) = ?$

- (a) 15
- (b) 30
- (c) 20
- (d) 24
- (e) 20.5

Q56. $40 \times 64 \div 80 = ?^2 + 7$

- (a) 5
- (b) 6
- (c) 7
- (d) 4
- (e) 2

Q57. $25\% \text{ of } 16 \times (15 - ?)^3 = 256$

- (a) 15
- (b) 13
- (c) 9
- (d) 11
- (e) 7

Q58. $90 = 15\% \text{ of } 1000 \times 3\% \text{ of } \left(\frac{100}{?}\right)$

- (a) 4
- (b) 5
- (c) 7
- (d) 9
- (e) 3

Q59. $? + 7^2 = (7 \times 4) + (43 \times 5)$

- (a) 192
- (b) 194
- (c) 196
- (d) 198
- (e) 200

Q60. $3\frac{1}{3} - ? \times \frac{3^2}{2^3} = 2\frac{5}{6}$

(a) $2/3$

(b) $2/9$

(c) $4/9$

(d) $9/4$

(e) $7/9$

Q61. $40\% \text{ of } (102 \div 17) \times ? = 2^3 \times 6$

(a) 20

(b) 22

(c) 25

(d) 30

(e) 15

Q62. $? - 2^3 = (7^2 - 12) + (10^2 - 17)$

(a) 132

(b) 126

(c) 124

(d) 128

(e) 130

Q63. $400\% \text{ of } ? = (13 \times 15) - (891 \div 9)$

(a) 20

(b) 24

(c) 22

(d) 28

(e) 18

Q64. $8^2 \times 8^2 = 2^? \times 2^6 \times 2^4$

(a) 1

(b) 3

(c) 2

(d) 0

(e) 4

Q65. $20\% \text{ of } (2^2 \times 3^2) - 2 = ?$

(a) 2.5

(b) 5.2

(c) 5.4

(d) 5.6

(e) 6.2

Q66. $20\% \text{ of } \frac{1}{5} \text{ of } 2250 = 50 + ?$

(a) 55

(b) 90

(c) 50

(d) 40

(e) 45

Q67. $986 - 432 + 116 = ? + (13)^2$

(a) 501

(b) 505

(c) 401

(d) 451

(e) None of these

Q68. 14.2% of 11000 + 15.6% of ? = 3590

(a) 12000

(b) 13000

(c) 14560

(d) 12250

(e) 13500

Q69. A can do a work in 24 days, B is 20% more efficient than A, if C can do the work in 10 more days than B, find days taken by A and C together to complete the work.

(a) $\frac{20}{3}$ day

(b) $\frac{44}{3}$ days

(c) $\frac{40}{3}$ days

(d) 6 days

(e) None of these

Q70. The ratio of Milk to water is 5:4, if two litres of water is added, ratio becomes 10:9, then find new amount of water in the mixture

(a) 14 L

(b) 16 L

(c) 18 L

(d) 20 L

(e) 22 L