

IBPS Clerk Pre Memory Based (Quantitative Aptitude) Questions

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

Q36. 9 11 16 26 ? 69

- (a) 40
- (b) 41
- (c) 42
- (d) 43
- (e) None of these

Q37. 3 4 10 33 136 ? 183

- (a) 700
- (b) 590
- (c) 695
- (d) 685
- (e) None of these

Q38. 21 24 32 45 63 ?

- (a) 85
- (b) 86
- (c) 84
- (d) 82
- (e) None of these

Q39. 6 3 3 6 24 ?

- (a) 192
- (b) 191
- (c) 190
- (d) 189
- (e) None of these

Q40. 7 10 16 28 ? 100

- (a) 49
- (b) 53
- (c) 50
- (d) 51
- (e) 52

Q41. 5% of one number (X) is 25% more than another number (Y). If the difference between the numbers is 96 then find the value of X?

- (a) 90
- (b) 100
- (c) 92
- (d) 96
- (e) None of these

- Q42. The ratio of A's age 3 years ago and B's age 5 years ago is 4:5. If A is 4 years younger than B then what is the present age of B?
- (a) 16
(b) 14
(c) 11
(d) 15
(e) None of these
- Q43. Two pipes A and B can fill a tank in 16 hrs and 12 hrs respectively. The capacity of the tank is 240 litres. Both the pipes are opened simultaneously and closed after 2 hrs. How much more water (In Liters) needed to fill the tank?
- (a) 100
(b) 170
(c) 70
(d) 190
(e) None of these
- Q44. A person cover 32km downstream is 240 minutes and same person cover 48 km upstream in 1440 minutes. Then find the rate of current?
- (a) 4kmph
(b) 5kmph
(c) 3kmph
(d) 2kmph
(e) None of these
- Q45. The simple interest on a certain sum at 15% per annum for 5 year is Rs1500 more to the simple interest on the same at 12% per annum for the same period. Find the sum-
- (a) Rs 12000
(b) Rs12500
(c) Rs 8000
(d) Rs 10000
(e) None of these
- Q46. The numerator of a fraction is decreased by 25% and the denominator is increased by 250%. If the resultant fraction is $\frac{6}{5}$, what is the original fraction?
- (a) $\frac{22}{5}$
(b) $\frac{24}{5}$
(c) $\frac{27}{6}$
(d) $\frac{28}{5}$
(e) $\frac{30}{11}$
- Q47. A dishonest vendor professes to sell fruits at the cost price but he uses a weight of 800 grams in lieu of 1 kg weight. Find his percentage gain.
- (a) 22%
(b) 24%
(c) 25%
(d) 30%
(e) 20%
- Q48. A is 2.5 times as good workman as B and A is able to finish the work in 50 days less than B. Find the time in which they can do it working together.
- (a) $21\frac{18}{19}$ days
(b) $23\frac{17}{21}$ days
(c) $22\frac{6}{7}$ days
(d) $20\frac{3}{4}$ days

(e) $25\frac{1}{4}$ days

Q49. The total of the ages of a class of 60 girls is 900 years. The average age of 20 girls is 12 years and that of the other 20 girls is 16 years. What is the average age of the remaining girls?

- (a) 14 years
- (b) 15 years
- (c) 16 years
- (d) 17 years
- (e) none of these

Q50. Mr. Ankit invests 14% of his monthly income every month i.e. Rs.1,750 in shares, 8% in Insurance policies and 7% in fixed deposits. What is the total annual amount invested by him?

- (a) Rs. 3275
- (b) Rs. 3450
- (c) Rs. 3625
- (d) Rs. 3800
- (e) none of these

Directions (51-55): Given below is the table showing marks (out of 100) of 5 students A, B, C, D and E in class test on different days of a week.

	A	B	C	D	E
Monday	74	65	36	59	84
Tuesday	69	68	70	51	72
Wednesday	49	82	75	64	59
Thursday	55	72	62	70	68
Friday	67	56	77	81	74

Q51. What is the difference between total score of B on Monday, Wednesday and Thursday together and the total score of E on Tuesday, Wednesday and Friday together ?

- (a) 12
- (b) 14
- (c) 10
- (d) 20
- (e) None of these

Q52. Marks of E on Monday is what percent more than marks of B on Thursday ?

- (a) 15%
- (b) $16\frac{2}{3}\%$
- (c) 20%
- (d) 25%
- (e) None of these

Q53. What is the average marks scored by C on the given days ?

- (a) 60
- (b) 62
- (c) 52
- (d) 64
- (e) None of these

- Q54. What is the ratio of total marks scored by C on Tuesday and Wednesday together to the total marks scored by D on the same days together ?
- (a) 23 : 28
 - (b) 28 : 23
 - (c) 29 : 23
 - (d) 23 : 29
 - (e) None of these

- Q55. Total marks scored by E on all days together are how much more than total marks scored by A on all days together ?
- (a) 43
 - (b) 45
 - (c) 55
 - (d) 65
 - (e) None of these

Directions (56 - 70) : What should come in place of question mark (?) in the following questions?

Q56. $36\% \text{ of } 170 + ? \% \text{ of } 592 = 150$

- (a) 14.6
- (b) 17.8
- (c) 16.4
- (d) 15
- (e) None of these

Q57. $(12.11)^2 + (?)^2 = 732.2921$

- (a) 20.2
- (b) 24.2
- (c) 23.1
- (d) 19.2
- (e) None of these

Q58. $288 \div ? \times 57 = 2052$

- (a) 8
- (b) 7
- (c) 6
- (d) 9
- (e) None of these

Q59. $(1125 - 274 - 323) \div (875 - 654 - 155) = ?$

- (a) 9
- (b) 6
- (c) 7
- (d) 8
- (e) None of these

Q60. $(42)^2 \div 6.3 \times 26 = ?$

- (a) 7182
- (b) 7269
- (c) 7260
- (d) 7240
- (e) None of these

Q61. $115\% \text{ of } 4880 - 85\% \text{ of } 1640 = ?$

- (a) 4218
- (b) 4368

- (c) 4448 (d) 4628
 (e) None of these
- Q62. $3251 + 587 + 369 - ? = 3007$
 (a) 1250 (b) 1300
 (c) 1375 (d) 1400
 (e) None of these
- Q63. $\sqrt[3]{9261} \times \sqrt{62742241} = ? + 89$
 (a) 166254 (b) 166259
 (c) 166253 (d) 166252
 (e) None of these
- Q64. $18.6 \times 3 + 7.2 - 16.5 = ? + 21.7$
 (a) 35.7 (b) 21.6
 (c) 24.8 (d) 27.6
 (e) None of these
- Q65. $5.35 + 4.43 + 0.45 + 45.34 + 534 = ?$
 (a) 597.27 (b) 589.57
 (c) 596.87 (d) 596.67
 (e) None of these
- Q66. $\sqrt[3]{35937} \times 1331 = 121 \times ?$
 (a) 443 (b) 673
 (c) 363 (d) 303
 (e) None of these
- Q67. 0.5% of 674 of 0.8% of 225 = ?
 (a) 7.066 (b) 9.12
 (c) 6.066 (d) 5.17
 (e) None of these
- Q68. $\frac{854 \times 854 \times 854 - 276 \times 276 \times 276}{854 \times 854 + 854 \times 276 + 276 \times 276} = ?$
 (a) 1130 (b) 578
 (c) 565 (d) 1156
 (e) None of these
- Q69. 56% of 225 + 20% of 150 = ? - 109
 (a) 49 (b) 103
 (c) 53 (d) 47
 (e) None of these
- Q70. 12% of 1885 = ? $\div 6$
 (a) 1248.4 (b) 1292.2
 (c) 1312.6 (d) 1357.2
 (e) None of these