

RRB Clerk PRE MEMORY BASED QUANT

Directions(Q41-45): What will come in place of question mark (?) in the following questions?

Q41. 12 , 13 , 17 , 26, 42 ?0

- (a) 57 (b)58
(c) 59 (d)75
(e)none of these

Q42. 1, 2, 8, 48, 384 ?

- (a) 3440 (b) 3840
(c) 3820 (d) 3550
(e) none of these

Q43. 157, 150, 136 ,115, 87 , ?

- (a) 50 (b) 51
(c) 52 (d) 54
(e) none of these

Q44. 1, 4 , 18,44, 83, ?

- (a) 131 (b) 132
(c) 135 (d) 136
(e) none of these

Q45. 8 ,4, 4 ,6 ,12, ?

- (a) 30 (b) 34
(c) 38 (d) 42
(e) none of these

Directions (Q. 46-60): What will come in place of question mark (?) in the following questions?

Q46. $\frac{3}{9} \times 2286 + \frac{2}{11} \times 1397 = ?$

- (a) 916 (b) 1016
(c) 1216 (d) 1026
(e) 1256

Q47. $7802 + 132 - 8963 + 1326 = ? \times 33$

- (a) 6 (b) 12
(c) 21 (d) 9
(e) 14

Q48. 21.9% of 650 = ? + 23.12

- (a) 121.23 (b) 109.23
(c) 119.32 (d) 129.23
(e) None of these

Q49. $6666 \div 66 \div 0.25 = ?$

- (a) 101 (b) 404
(c) 304 (d) 40.4
(e) None of these

Q50. $\sqrt{?} + 18 = \sqrt{2704}$

- (a) 1256 (b) 1156

- (c) 1296 (d) 1024
(e) 1466
- Q51. $2\frac{1}{7} + 4\frac{3}{5} - 3\frac{1}{7} + 5\frac{1}{10} = ?$
(a) $9\frac{7}{10}$ (b) $7\frac{7}{10}$
(c) $8\frac{7}{10}$ (d) $8\frac{4}{70}$
(e) None of these
- Q52. $164 \times 43 - 6070 = ?$
(a) 682 (b) 792
(c) 882 (d) 1082
(e) 982
- Q53. 14.5% of 740 - ?% of 320 = 87.3
(a) 6.75 (b) 6.25
(c) 12.5 (d) 14.75
(e) 8.25
- Q54. $(27)^3 \times 3^4 \div (81)^2 = 3^?$
(a) 2 (b) 5
(c) 4 (d) 3
(e) None of these
- Q55. $\frac{3}{7}$ of 329 + $\frac{4}{11}$ of 2530 = $\sqrt{?} + 894$
(a) 28899 (b) 29899
(c) 27789 (d) 27889
(e) None of these
- Q56. $4376 + 3209 - 1784 + 97 = 3125 + ?$
(a) 2713 (b) 2743
(c) 2773 (d) 2793
(e) 2737
- Q57. $\sqrt{?} + 14 = \sqrt{2601}$
(a) 1521 (b) 1369
(c) 1225 (d) 961
(e) 1296
- Q58. 85% of 420 + ?% of 1080 = 735
(a) 25 (b) 30
(c) 35 (d) 40
(e) 45
- Q59. $\frac{7}{3}$ of $\frac{5}{4}$ of $\frac{1}{9}$ of 3024 = ?
(a) 920 (b) 940
(c) 960 (d) 980
(e) 840
- Q60. 30% of 1225 - 64% of 555 = ?
(a) 10.7 (b) 12.3
(c) 13.4 (d) 17.5
(e) None of these

Directions (61-65): Study the following table and answer the questions given below. Number of Tourist who visit different cities by different modes of transport

Cities	Vehicle				
	Car	Train	Bus	Bike	By Air
Delhi	192	188	172	191	174
Mumbai	180	166	178	187	182
Chandigarh	156	194	163	181	148
Dehradun	132	185	142	170	148
Masuri	149	159	155	149	183
Jaipur	168	163	158	142	174

- Q61. What are the average number of tourists who comes by Train?
 (a) 190.5 (b) 188.5
 (c) 175.83 (d) 137.5
 (e) None of these
- Q62. What is the difference between the total number of tourists who went to Mumbai and Masuri by all vehicle?
 (a) 78 (b) 98
 (c) 88 (d) 83
 (e) None of these
- Q63. What is the percent of tourist went to Dehradun by train to the tourist who went to Chandigarh by Air?
 (a) 125 (b) 145
 (c) 137 (d) 160
 (e) None of these
- Q64. What is the difference between the average number of tourist who went by Air to the average number of tourist who went by Bus?
 (a) 7.58 (b) 9.97
 (c) 6.83 (d) 2.30
 (e) None of these
- Q65. What is the respective ratio the number of tourist of Delhi by Car to the Mumbai by air?
 (a) 35 : 83 (b) 45 : 71
 (c) 96 : 91 (d) 32 : 7
 (e) None of these
- Q66. If the wheel of a bicycle makes 560 revolutions in travelling 1.1 km, what is its radius? (use $\pi=22/7$)
 (a) 31.25 cm (b) 37.75 cm
 (c) 35.15 cm (d) 11.25 cm
 (e) none of these
- Q67. Elena's age after 15 years will be 5 times her age 5 years back, What is the present age of Elena?
 (a) 10 (b) 37 (c) 35
 (d) 11 (e) none of these
- Q68. A man purchased a cow for Rs. 3000 and sold it the same day for Rs. 3600, allowing the buyer a credit of 2 years. If the rate of interest be 10% per annum, then the man has a gain of:
 (a) 5%
 (b) 0%
 (c) 20%
 (d) 10%
 (e) none of these
- Q69. A man takes 3 hours 45 minutes to row a boat 15 km downstream of a river and 2 hours 30 minutes to cover a distance of 5 km upstream. Find the speed of the current.
 (a) 1 kmph
 (b) 3 kmph

- (c) 5 kmph
- (d) 2 kmph
- (e) none of these

Q70. A cistern 6 m long and 4 m wide contains water up to a breadth of 1 m 25 cm. Find the total area of the wet surface.

- (a) 42 m square
- (b) 49 m square
- (c) 52 m square
- (d) 64 m square
- (e) none of these

Q71. In terms of percentage profit, which among following the best transaction.

- (a) C.P. 36, Profit 17
- (b) C.P. 50, Profit 24
- (c) C.P. 40, Profit 19
- (d) C.P. 60, Profit 29
- (e) none of these

Q72. The milk and water in two vessels A and B are in the ratio 4:3 and 2:3 respectively. In what ratio the liquids in both the vessels be mixed to obtain a new mixture in vessel c consisting half milk and half water?

- (a) 8 : 3
- (b) 7 : 5
- (c) 4 : 3
- (d) 2 : 3
- (e) none of these

Q73. The average price of 10 books is Rs.12 while the average price of 8 of these books is Rs.11.75. Of the remaining two books, if the price of one book is 60% more than the price of the other, what is the price of each of these two books?

- (a) Rs. 5, Rs.7.50
- (b) Rs. 8, Rs. 12
- (c) Rs. 10, Rs. 16
- (d) Rs. 12, Rs. 14
- (e) None of these

Q74. A fort has provisions for 60 days. If after 15 days 500 men strengthen them and the food lasts 40 days longer, how many men are there in the fort?

- (a) 3500
- (b) 4000
- (c) 6000
- (d) 8000
- (e) None of these

Q75. If a commission of 10% is given on mark price of Truck the dealer gains 20% if the commission is increase to 15% the gain % is ?

- (a) 40/3
- (b) 10
- (c) 20
- (d) 15
- (e) None of these

Q76. If a cartoon containing a dozen of mirrors is dropped, which of the following cannot be ratio of broken mirrors to unbroken mirrors.

- (a) 7:5
- (b) 3:1
- (c) 3:2
- (d) 2:1
- (e) cant be determine

Q77. A bag contains Rs 216 in the form of 1 Rs ,50 paise & 25 paise coins in the ratio of 2:3:4.the numbers of 50 paise coins is?

- (a) 140
- (b) 175
- (c) 184
- (d) 160

(e) 144

Q78. A is twice as fast as B & B is trice as fast as C. The journey covered by C in 42 min. Will be covered by B in ?

- (a) 14 min
- (b) 4 min
- (c) 5 min
- (d) 8 min
- (e) 6 min

Q79. The CP of two dozen mangoes is Rs 32 , after selling 18 mangoes at 12 Rs per dozen ,the shopkeeper reduced the rate as Rs 4 per dozen. Then find the loss percentage ?

- (a) 15
- (b) 20
- (c) 25
- (d) 37.5
- (e) None of these

Q80. How many kilograms of sugar costing Rs. 9 per kg must be mixed with 27kg of sugar costing Rs.7 per kg so that there may be gain of 10% by selling the mixture at Rs.9.24 per kg?

- (a) 60 kg
- (b) 63 kg
- (c) 50 kg
- (d) 77 kg
- (e) none of these

