



IBPS Clerk Prelims 2015 Memory Based (Quant)

Q36. $9418 - ? + 1436 + 2156 = 5658$

- (1) 7523
- (2) 7352
- (3) 7232
- (4) 7325
- (5) None of these

Q37. $24\% \text{ of } 2500 - 22\% \text{ of } 600 = 1020 \div ?$

- (1) 2.5
- (2) 4.5
- (3) 8
- (4) 5
- (5) None of these

Q38. $9000 \div 36 - 10 = ? \times 8$

- (1) 32
- (2) 24
- (3) 30
- (4) 34
- (5) None of these

Q39. $(15)^2 + (22)^2 - (17)^2 = ?$

- (1) 880
- (2) 488

(3) 420

(4) 340

(5) None of these

Q40. $35 \times 18 + 256 = (11)^3 - ?$

(1) 445

(2) 555

(3) 107

(4) 774

(5) None of these

Q41. $[(688 \div 4) + 45] \div 5 = ?$

(1) 48.4

(2) 37.4

(3) 43.4

(4) 35.4

(5) None of these

Q42. $(17 \times 23) + (37 \times 43) = ?$

(1) 1922

(2) 1982

(3) 2222

(4) 2002

(5) None of these

Q43. $(9.4 \times 6 \times 16) + (3.4 \times 32 \times 20) = ?$

(1) 3000.9

(2) 3078.4

(3) 3074.9

(4) 3036.9

(5) None of these

Q44. $(3996 \div 18) \times (792 \div 18) = ?$

(1) 9768

(2) 8676

(3) 9765

(4) 9234

(5) None of these

Q45. $(8)^3 \div (16)^2 \times 64 = (4)^?$

(1) 2.5

(2) 4

(3) 3.5

(4) 5

(5) None of these

Q46. A train, travelling at a speed of 54kmph, can cross a bridge in 15 sec. If length of the bridge is twice of length of the train, then find the length of the bridge?

(1) 75m

(2) 150m

(3) 100m

(4) 125m

(5) None of these

Q47. A sum of money becomes Rs.4000 in 5 years and Rs.6000 in 9 years. Find the rate of interest?

(1) 10%

(2) 20%

(3) 25%

(4) 33.33%

(5) None of these

Q48. A shopkeeper mixes two types of wheat, each costing Rs. 45/kg and Rs. 58/kg, so that by selling the resultant mixture at Rs. 55/kg, he makes a profit of 10%. In which ratio did he mix them?

(1) 3:10

(2) 1:1

(3) 8:5

(4) 2:7

(5) None of these

Q49. Price of an article increases by 25%. By what percent should its consumption be reduced so that there is no change in expenditure?

(1) 20%

(2) 25%

(3) 33.335%

(4) 10%

(5) None of these

Q50. A and B can complete a work in 20 days and 60 days working alone. In how many days can they complete the work, working together?

(1) 12 days

(2) 30 days

(3) 15 days

(4) 80 days

(5) 40 days

Q51. Two numbers are in ratio of 3:5. If the first number is doubled while second number is increased by 20, the new ratio is 2:3. Find the sum of the initial numbers?

(1) 40

- (2) 50
- (3) 64
- (4) 7
- (5) None of these

Q52. The total number of students in a school is 2025. If the number of girls in the school is 1175, then what is the respective ratio of the total number of boys to the total number of girls in the school?

- (1) 47: 34
- (2) 17: 23
- (3) 23: 17
- (4) 34: 47
- (5) None of these

Q53. In an examination it is required to get 540 of the aggregate marks to pass. A student gets 432 marks and is declared failed by 9% marks. What are the maximum aggregate marks a student can get?

- (1) 1475
- (2) 1350
- (3) 1200
- (4) Cannot be determined
- (5) None of these

Q54. Two years ago the ratio of the ages of Swati and Khyati was 5: 7 respectively. Two years hence the ratio of their ages will be 7: 9, respectively. What is the present age of Khyati?

- (1) 16yr
- (2) 14yr
- (3) 12yr
- (4) Cannot be determined

(5) 18yr

Q55. The average weight of 60 students in a class was calculated as 40 kg. Later it was found that the weight of one of the students was calculated as 36 kg, whereas his actual weight was 33 kg. What is the actual average weight of the students in the class?

(1) 38kg

(2) 36kg

(3) 34kg

(4) 42kg

(5) None of these

Q56. The perimeter of a square is one-fourth the perimeter of a rectangle. If the perimeter of the square is 44 cms and the length of the rectangle is 51 cms, what is the difference between the breadth of the rectangle and the side of the square?

(1) 30 cms

(2) 18 cms

(3) 26 cms

(4) 32 cms

(5) None of these

Q57. A truck covers a distance of 360 kms in 8 hrs. A car covers the same distance in 6 hrs. What is the respective ratio between the speed of the truck and the car?

(1) 3: 5

(2) 3: 4

(3) 1: 2

(4) 4: 5

(5) None of these

Q58. Ms. Rajni deposits an amount of Rs 31,400 to obtain a simple interest at the rate of 12 per cent per annum for 8 years. What total amount will Ms. Rajni get at the end of 8 years?

(1) Rs 31,144

- (2) Rs 61,544
- (3) Rs 41,544
- (4) Rs 30,144
- (5) None of these

Q59. If area of a circular jogging track is 3580 sq. metres. What is the circumference of the jogging track?

- (1) 225 metres
- (2) 214 metres
- (3) 220 metres
- (4) 235 metres
- (5) None of these

Q60. The area of a rectangle is equal to the area of a circle with circumference equal to 220 meters. What is the length of the rectangle if its breadth is 50 metres?

- (1) 56 metres
- (2) 83 metres
- (3) 77 meters
- (4) 69 meters
- (5) None of these

Directions (61-65): What should come in place of question mark (?) in the following number series?

Q61. 17, 18, 38, 117, 472, ?

- (1) 2385
- (2) 2325
- (3) 2375
- (4) 2675
- (5) None of these

Q62. 104, 112, 132, 170, 232, 324, ?

- (1) 449
- (2) 453
- (3) 452
- (4) 463
- (5) None of these

Q63. 213, 215, 218, 223, 230, 241, ?

- (1) 252
- (2) 250
- (3) 264
- (4) 245
- (5) None of these

Q64. 5129, 5132, 5138, 5150, 5174, ?

- (1) 5222
- (2) 5212
- (3) 5232
- (4) 5218
- (5) None of these

Q65. 169, 289, 361, 529, 841, 961, ?

- (1) 1369
- (2) 1225
- (3) 1296
- (4) 1681
- (5) None of these

Directions (Q. 66-70): Study the table carefully to answer the questions that follow:

Quantity of Food-Items Consumed by Various Hotels over a Month (In kilograms/litres)

Hotels →	A	B	C	D	E	F
Food Items ↓						
Oil	480	524	490	387	266	342
Vegetables	434	387	625	432	375	387
Sugar	436	512	463	476	449	533
Tea	120	100	78	94	108	114
Coffee	68	54	78	28	65	83
Rice	800	1098	890	960	764	698
Wheat	756	882	785	907	888	998

Q66. The total quantity of Food Items consumed by Hotel C is approximately what per cent of the total quantity of Food Items consumed by Hotel E?

- (1) 128
- (2) 101
- (3) 93
- (4) 136
- (5) 117

Q67. What is the respective ratio of quantity of Sugar and Coffee consumed by Hotel D to Hotel F?

- (1) 9: 11
- (2) 9: 13
- (3) 11: 9
- (4) 13: 17
- (5) None of these

Q68. The quantity of Rice consumed by Hotel A is approximately what per cent of the quantity of Rice consumed by all the Hotels together?

- (1) 12

(2) 19

(3) 15

(4) 23

(5) 27

Q69. What is the respective ratio of the average quantity of Wheat consumed by all the Hotels together to the average quantity of Vegetables consumed by all the Hotels together over the month?

(1) 316: 167

(2) 23: 16

(3) 167: 328

(4) 326: 165

(5) 2: 3

Q70. Which Hotel consumed the highest quantity of the total food items over the month?

(1) A

(2) B

(3) C

(4) D

(5) None of these