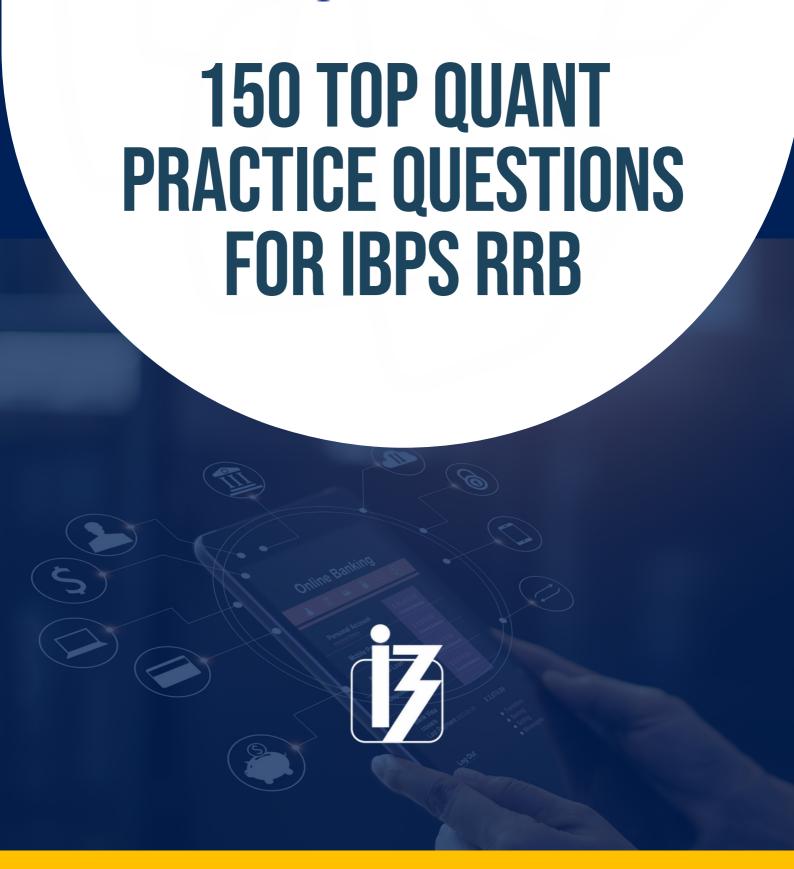**oliveboard**

150 TOP QUANT PRACTICE QUESTIONS FOR IBPS RRB

150 IBPS RRB Practice Questions for Quantitative Aptitude

Q1. What will come in place of question mark (?) in the following series?
4, 36, 252, 1260, ?, 3780
1. 4800
2. 4280
3. 3680
4. 2640
5. 3780
Correct Option: 5

Q2. In the given number series, what would come in place of the (?) question mark?
32, 31, 29.5, 27.5, ?
1. 32.5
2. 26.5
3. 24.5
4. 25
5. None of these
Correct Option: 4

Q3. In the following number series, what should come in the place of question mark (?)?
1, 10, 35, 84, ?, 286
1. 125
2. 165
3. 132
4. 216
5. None of these
Correct Option: 2

Q4. What will come in place of the question mark (?) in the following number series?
103, 108 , 98, 113 , 93, ?
1. 68
2. 111
3. 108
4. 73
5. 118
Correct Option: 5

Q5. What will come in the place of question mark (?) in the given number series?
7731, ?, 9243, 9459, 9523
1. 8371
2. 8731
3. 9731
4. 9127
5. None of these
Correct Option: 2

Q6.
I. $12x^2 - 24x + 12 = 0$
II. $y^2 + 3y + 2 = 0$
1. if x < y
2. if x ≤ y
3. if x > y
4. if x ≥ y
5. if x = y or Relationship between x and y cannot be established
Correct Option: 3

Q7.
I. $x^2 + 11x = 4x - 12$
II. $8y^2 + 16y = 8y + 16$
1. if x < y
2. if x ≤ y
3. if x > y
4. if x ≥ y
5. if x = y or Relationship between x and y cannot be established
Correct Option: 1

Q8.
I: $x^2 - 11x + 18 = 0$
II: $y^2 - 6y - 27 = 0$
1. x > y
2. x ≥ y
3. x < y
4. x ≤ y
5. x = y or the relationship cannot be established
Correct Option: 5

Q9. 3.2% of 500 × 2. 4% of ? = 288
(a) 650
(b) 700
(c) 600
(d) 750
(e) 850
Answer: D

Q10. $(-251 × 21 × (-12)) ÷ ? = 158.13$
(a) 250
(b) 400
(c) 300
(d) 15
(e) 18
Answer: B

Q11. [(130)2 ÷ 25 × 15] ÷ 30 = ?
(a) 352
(b) 314
(c) 326
(d) 338
(e) 426
Answer: D

Q12. √√4900 + √5476= ?
(a) 576
(b) 144
(c) 256
(d) 16
(e) 12
Answer: E

Q13. (6.5% of 375) – (0.85% of 230) =?
(a) 23.42
(b) 24.24
(c) 21.64
(d) 25.76
(e) 22.42
Answer: A

Q14. What will come in the place of question mark (?) in the given expression?
[(21 + 73) - (√529 + 132)] + 23 =?
1. 129
2. 455
3. 376
4. 232
5. 780
Correct Option: 4

Q15. What will come in the place of question mark (?) in the given expression?
24% of 4500 + 13% of 600 – 12% of 1800 =?
1. 942
2. 378
3. 671
4. 183
5. 792
Correct Option: 1

Q16. The average of the present age of Ravi and Ranjan is 13.5 years. 3 years ago, Ravi's age was 75% of the Ranjan's age. What is the difference between their present ages?
1. 3 years
2. 10 years
3. 12 years
4. 6 years
5. 2 years
Correct Option: 1

Q17. Ratio of number of boys to girls in a class is 9: 5. Next year, number of boys will be increased by 90 while the number of girls will be increased by 80% and the ratio of boys to girls will be 6: 5, then what is the difference between number of boys and girls initially?
1. 200
2. 100
3. 150
4. 250
5. None of these
Correct Option: 1

Q18. Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question.What is the selling price of a bike if a bike and a scooter is sold by person A to person B if total cost price of bike and scooter for A is Rs.75000?
I. Ratio of selling price of bike to that of scooter is 7: 5.
II. Total profit per cent earned by A when he sold bike and scooter to B is 21%.
1. I alone is sufficient.
2. II alone is sufficient.
3. Both I and II together are not sufficient.
4. Either I alone or II alone is sufficient.
5. Both I and II together are sufficient.
Correct Option: 5

Q19. A shopkeeper sold 40 Kg of rice and earned a profit equal to cost of 20 Kg of rice. Find the profit percent earned by the shopkeeper by selling 40 Kg rice.
1. 10%
2. 25%
3. 50%
4. 75%
5. None of these
Correct Option: 3

Q20. What will come at the place of question mark (?) in the following number series?
4, 37, 103, 202, 334, ?
1. 420
2. 416
3. 499
4. 456
5. None of these
Correct Option: 3

Q21. What will come in the place of question mark (?) in the given number series?
16000, 3200, ?, 320, 160, 32
1. 560
2. 400
3. 1600
4. 640
5. 800
Correct Option: 3

Q22. What would come in place of question mark (?) in the following number series?
15, 32, 66, 134, 270, ?
1. 542
2. 540
3. 600
4. 580
5. 450
Correct Option: 1

Q23. What should come in place of the question mark (?) in the following question?
4, 5, 14, 39, ?, 169
1. 72
2. 78
3. 88
4. 97
5. 103
Correct Option: 3

Q24. What would come in place of the question mark (?) in the following question?
6, 32, 162, 812, ?
1. 4060
2. 4061
3. 4062
4. 4063
5. 4064
Correct Option: 3

Q25.
I. $x^2 + 24x + 144 = 0$
II. $y^2 + 15y + 56 = 0$
1. x > y
2. x ≥ y
3. x < y
4. x ≤ y
5. x = y or the relationship cannot be established
Correct Option: 3

Q26.
I. $x^2 - 10x + 16 = 0$
II. $y^2 - 11y + 30 = 0$
1. x > y
2. x ≥ y
3. x < y
4. x ≤ y
5. x = y or the relationship cannot be established
Correct Option: 5

Q27. In the following question, there are two quadratic equations. Study both the equations carefully and answer.
I. $2x^2 – 15x + 18 = 0$
II. $2y^2 + 21y – 36 = 0$
1. x > y
2. x ≥ y
3. x < y
4. x ≤ y
5. x = y or no relation can be established
Correct Option: 2

Q28.
I. $x^2 – 3x + 2 = 0$
II. $6y^2 + 19y = -14$
1. x > y
2. x ≥ y
3. x < y
4. x ≤ y
5. x = y or the relationship cannot be established.
Correct Option: 1

Q29. In the following question, there are two quadratic equations. Study both the equations carefully and answer accordingly.
I. $x^2 + 20x + 75 = 0$
II. $y^2 – 25y – 150 = 0$
1. x > y
2. x ≥ y
3. x < y
4. x ≤ y
5. x = y or no relation can be established
Correct Option: 4

Q30. What value should come in place of the questions mark (?) in the following questions?
572 ÷ 26 x 12-200 = (2)?
1. 5
2. 7
3. 6
4. 8
5. None of these
Correct Option: 3

Q31. What value should come in place of the questions mark (?) in the following questions?
$(?)3 ÷ 32 = 73 - 152 + 62 - 102$
1. 18
2. 4
3. 17
4. 12
5. 14
Correct Option: 4

Q32. What value will come in place of question mark (?) in the following question?
$\sqrt{144} + ? = 4\ 1/5$ of 115
1. 459
2. 452
3. 471
4. 484
5. 465
Correct Option: 3

Q33. What value will come in place of question mark (?) in the following question?
$?/22$ of $\sqrt{144} = 96/?$ of $\sqrt[3]{1331}$
1. 68
2. 47
3. 44
4. 62
5. 56
Correct Option: 3

Q34. What value will come in place of question mark (?) in the following question?
$180/3 - 16 \times 10 + \sqrt{576} = ?$
1. -74
2. -76
3. -82
4. -80
5. -62
Correct Option: 2

Q35. What value should come in place of the questions mark (?) in the following questions?
$4\ 3/7 - 8\ ¾ + 6\ 5/6 = ?$
1. 1 (71/84)
2. 3 (1/84)
3. 2 (43/84)
4. 2 (29/84)
5. 2 (59/84)
Correct Option: 3

Q36. What value should come in place of the questions mark (?) in the following questions?
$(35)2 ÷ \sqrt[3]{125} + (25)2 + (5)3 = ?$
1. 1000
2. 995
3. 1975
4. 1375
5. None of these
Correct Option: 2

Q37. What value will come in place of question mark (?) in the following question?
$\sqrt{529}$ + ? = 1 1/4 of 88
1. 97
2. 73
3. 91
4. 69
5. 87
Correct Option: 5

Q38. What value will come in place of question mark (?) in the following question?
$\sqrt{676}$ + ? = 2 2/7 of 84
1. 149
2. 177
3. 178
4. 166
5. 198
Correct Option: 4

Q39. Ratio of income of A to B is 5: 8 and ratio of their expenditure is 2: 3 respectively. If savings of persons B is Rs.3000 more than that of A and out of his total income, B spends 75% of it, then what is the total savings of persons A and B together?
1. Rs.8000
2. Rs.6000
3. Rs.9000
4. Rs.12000
5. None of these
Correct Option: 3

Q39. Average age of cricket team of 15 players is 22 years and when the age of two coaches are also added, then average age is increased by 2 years. What is the present age of elder coach if the ratio of ages of both the coaches is 8: 5?
1. 42 years
2. 48 years
3. 54 years
4. 36 years
5. None of these
Correct Option: 2

Q40. Sides of a rectangle are in the ratio 3: 2 respectively and its area is 1/2 times more than the area of a square whose perimeter is 60 cm. What is the longer side of the rectangle?
1. 22.5 cm
2. 19.5 cm
3. 25.5 cm
4. 28.5 cm
5. 16.5 cm
Correct Option: 1

Q41. An item is purchased at Rs.720, when the item is sold to a customer, 10% profit is earned, then at what price the item is sold?
1. Rs.756
2. Rs.864
3. Rs.792
4. Rs.828

5. Rs.900
Correct Option: 3

Q42. Mohan invested Rs 5000 in a bank which offers interest at the rate of 10% per year compounded semiannually. How much amount will he get after 2 years?
1. Rs 6320
2. Rs 7000
3. Rs 6250
4. Rs 6512
5. Rs 6077
Correct Option: 5

Q43. A alone can complete a piece of work in 25 days and A is 40% less efficiency than B, then in how many days A and B together can complete 80% of the work?
1. 7(1/3) days
2. 9 days
3. 7 days
4. 7.5 days
5. 8 days
Correct Option: 4

Q44. A boat goes 90 km upstream in 4 hours 30 minutes. If the speed of stream is 4 km/h, then what is the downstream speed of the boat?
1. 30 km/h
2. 32 km/h
3. 28 km/h
4. 24 km/h
5. 18 km/h
Correct Option: 3

Q45. The father was 30 years old when the son was born and 15 years from now, the son will be as old as the father was when the son was 5 years old. What is the present age of father?
1. 42 years
2. 48 years
3. 50 years
4. 60 years
5. 45 years
Correct Option: 3

Q46. What percent of a day in 6 hours?
A. 25%
B. 52%
C. 50%
D. 5%
Correct Answer: "A"

Q47. The population of of a town is 176000. If it increases at the rate of 5% per annum, what will be it's population 2 years hence?
A. 194000
B. 194040
C. 190440
D. 194104
Correct Answer: "B"

Q48. The length and breadth of a rectangle are increased by 20% and 30%. The area of the resulting rectangle exceeds the area of the original rectangle?
A. 50%
B. 65%
C. 56%
D. 156%
Correct Answer: "C"

Q49 Sugar contain 5% water. What quantity of pure Sugar should be added to 10 litres of water to reduce this to 2%.
A. 5 lit
B. 6 lit
C. 10 lit
D. 15 lit
Correct Answer: "D"

Q50. The price of a fan is decreased by 20%. As a result of which the sale increased by 40%. What will be the effect on the total revenue of the shop?
A. 12%
B. 10%
C. 20%
D. 30%
Correct Answer: "A"

Q51. 45% of ? = 25% of 355
A. 195
B. 176
C. 127
D. 197.22
Correct Answer: "D"

Q52. Out of 500 students of a school 35% students plays football, 25% plays cricket and 20% neither play football nor cricket. How many students play football and cricket ?
A. 200
B. 100
C. 50
D. 94
Correct Answer: "A"

Q53. Fresh fruits contains 70% of water and dry fruits contain 20% of water. How much dry fruit can be obtained from 100kg of fresh fruits?
A. 35
B. 37
C. 37.5
D. 40
Correct Answer: "C"

Q54. If Harish height is 30% less than that of Yogesh. How much percentage Yogesh height is more than that of Harish?
A. 42.58%
B. 42.8%
C. 42.83%
D. 42.85%
Correct Answer: "D"

Q55. If the price of wheat is reduced by 2%. How many kilograms of wheat a person can buy with the same money which was earlier sufficient to buy 49 kg of wheat?
A. 58 kg
B. 60 kg
C. 52 kg
D. 50 kg
Correct Answer: "D"

Q56. Monthly salary of A is 30% more than B's monthly salary and B's monthly salary is 20% less than C's. If the difference between the monthly salaries of A and C is Rs 800, then find the annual salary of B.
A. Rs 14,500
B. Rs 16,800
C. Rs 15,000
D. None of these
Correct Answer: "D"

Q57. 3 years ago the population of a town was 1,60,000. In the three respective years the population increased by 3%, 2.5% and 5% respectively. What is the population of town after 3 years?
A. 1,77,366
B. 1,66,733
C. 1,76,736
D. 1,80,766
Correct Answer: "A"

Q58. There are 2500 students who appeared for an examination. Out of these, 35% students failed in 1 subject and 42% in other subject and 15% of students failed in both the subjects. How many of the students passed in either of the 2 subjects but not in both?
A. 1925
B. 1175
C. 1275
D. 1100
Correct Answer: "B"

Q59. In a class of 60 students, 40% of the students passed in Reasoning, 5% of the students failed in Quants and Reasoning, and 20% of the students passed in both the subjects. Find the number of students passed only in Quants?
A.17
B. 33
C. 23
D. 37
Correct Answer: "B"

Q60. In an examination, 50% of the students passed in science and 75% passed in Social, while 20% students failed in both the subjects. If 270 students passed in both subjects, find the total number of students who appeared in the exam?
A. 400
B. 540
C. 600
D. 750
Correct Answer: "C"

Q61. A, B and C divide Rs 4200 among themselves in the ratio 7 : 8 : 6. If Rs 200 is added to each of their shares, what is the new ratio in which they will receive the money?
A) 9 : 8 : 7
B) 8 : 9 : 7
C) 8 : 9 : 8
D) 9 : 10 : 8
Correct Answer: "B"

Q62. The ratio of the incomes of A and B last year was 9 : 13. Ratio of their incomes of last year to this year is 9 : 10 and 13 : 15 respectively. The sum of their present incomes is Rs 50,000. What is the present income of B?
A) Rs 32,000
B) Rs 24,000
C) Rs 20,000
D) Rs 30,000
Correct Answer: "D"

Q63. Rs 650 was divided among 3 children in the ratio 2 : 4 : 7. Had it been divided in the ratio 1/2 : 1/4 : 1/7. Who would have gained the most and by how much?
A) C, Rs 246
B) C, Rs 264
C) B, Rs 18
D) A, Rs 264
Correct Answer: "D"

Q63. The salaries A, B, C are in the ratio 2 : 3 : 5. If the increments of 15%, 10% and 20% are allowed respectively in their salaries, then what will be new ratio of their salaries?
A) 3 : 3 : 10
B) 10 : 11 : 20
C) 23 : 33 : 60
D) Cannot be determined
Correct Answer: "C"

Q64. The incomes of A and B are in the ratio 1 : 2 and their expenditures are in the ratio 2 : 5. If A saves Rs 20,000 and B saves Rs 35,000, what is the total income of A and B?
A) Rs 30,000
B) Rs 90,000
C) Rs 90,000
D) Rs 60,000
Correct Answer: "C"

Q65. Rs 5750 is divided among A, B, and C such that if their share be reduced by Rs 10, Rs 15 and Rs 25 respectively, the reminder amounts with them shall be in the ratio 4 : 6 : 9. What was C's share then?
A) Rs 2700
B) Rs 2725
C) Rs 2750
D) Rs 2625
Correct Answer: "B"

Q66. The ratio of income of A and B is 2:3. The sum of their expenditure is Rs.8000 and the amount of savings of A is equal to the amount of expenditure of B. What is their ratio of sum of income to their sum of savings?
A) 5:3
B) 3:2
C) 4:3
D) 3:1
Correct Answer: "A"

Q67. There are two numbers. When 25% of the first number is added to the second number, the resultant number is 1.5 times the first number. What is the ratio of 1st number to the 2nd number?
A) 3:5
B) 5:4
C) 4:5
D) 2:3
Correct Answer: "C"

Q68. In a bag, there are coins of 25 p, 10 p and 5 p in the ratio of 1 : 2 : 3. If there is Rs. 30 in all, how many 5 p coins are there?
A) 50
B) 100
C) 150
D) 200
Correct Answer: "C"

Q69. 180 sweets are divided among friends A, B, C and D in which B and C are brothers also such that sweets divided between A and B are in the ratio 2 : 3, between B and C in the ratio 2 : 5 and between C and D in ratio 3 : 4. What is the number of sweets received by the brothers together?
A) 78
B) 84
C) 92
D) 102
Correct Answer: "B"

Q70. Consider two alloys A and B. 50 kg of alloy A is mixed with 70 kg of alloy B. A contains brass and copper in the ratio 3 : 2, and B contains them in the ratio 4 : 3 respectively. What is the ratio of copper to brass in the mixture?
A) 8 : 5
B) 7 : 5
C) 5 : 11
D) 5 : 7
Correct Answer: "D"

Q71) The cost of a diamond varies as the square of its weight. A diamond weighing 20 decigrams costs Rs. 4,800. Find the cost of a diamond of the same kind weighing 8 decigrams.
A) Rs 762
B) Rs 760
C) Rs 764
D) Rs 768
Correct Answer: "D"

Q72) A bag contains 25p, 50p and 1Re coins in the ratio of 2 : 4 : 5 respectively. If the total money in the bag is Rs 75, find the number of 50p coins in the bag.
A) 45
B) 50
C) 25
D) 40
Correct Answer: "D"

Q73) A is directly proportional to B and also inversely proportional to the square of C. When B = 16 and C = 2, A = 36. Find the value of A when B = 32 and C = 4.
A) 25
B) 20
C) 18
D) 32
Correct Answer: "C"

Q74) One year ago the ratio between Rahul salary and Rohit salary is 4:5. The ratio between their individual salary of the last year and current year is 2:3 and 3:5 respectively. If the total current salary of Rahul and Rohit is 4300. Then find the current salary of Rahul.
A) 1200
B) 1800
C) 1600
D) 2000
Correct Answer: "B"

Q75) There are two mixtures of honey and water in which the ratio of honey and water are as 1:3 and 3:1 respectively. Two litres are drawn from first mixture and 3 litres from second mixture, are mixed to form another mixture. What is the ratio of honey and water in it ?
a. 111:108
b. 11:9
c. 103:72
d. None
Correct Answer: "b"

Q76) A man pays Rs. 6.40 per litre of milk. He adds water and sells the mixture at Rs. 8 per litre, thereby making 37.5% profit. The proportion of water to milk received by the customers is
a. 1:10
b. 10:1
c. 9:11
d. 11:9
Correct Answer: "a"

Q77) 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. 6:7
c. 7:5
d. 11:7
Correct Answer: "c"

Q78) 8 litres are drawn from a flask containing milk and then filled with water. The operation is performed 3 more times. The ratio of the quantity of milk left and total solution is 81/625. How much milk the flask initially holds?
a. 10ltr
b. 20ltr
c. 30ltr
d. 40ltr
Correct Answer: "b"

Q79) Two vessels contain milk and water in the ratio of 7:3 and 2:3 respectively. Find the ratio in which the contents of both the vessels must be mixed to get a new mixture containing milk and water in the ratio 3:2.
a. 2:1
b. 2:3
c. 3:1
d. 3:5
Correct Answer: "a"

Q80) How many Kgs of rice A costing rupees 20 per kg must be mixed with 20 kg of rice B costing rupees 32 per kg, so that after selling them at 35 rupees per kg, he gets a profit of 25%.
a. 10 kg
b. 40 kg
c. 24 kg
d. 25 kg
Correct Answer: "a"

Q81) A sample of x litre is replaced from a container containing milk and water in the ratio 2:3 by pure milk. If the container hold 30 litres of the mixture e, and after the operation proportion of milk and water is same. Find the value of X?
a. 4
b. 5
c. 6
d. 7
Correct Answer: "b"

Q81) An alloy contains 4 parts bronze and 6 parts copper. How much part of mixture should be drawn out and replaced with bronze so that the ratio of bronze to copper gets reversed in new mixture?
a. 2/5
b. 1/3
c. ¼
d. 10/3
Correct Answer: "b"

Q82) A mixture of milk and water contains 25% water. 12 litres of this mixture is drawn out and replaced with 5 litres of water. If the new ratio of water to milk becomes 2 : 5, what is the amount of milk originally present in the mixture?
a. 82 litres
b. 75 litres
c. 95 litres
d. 84 litres
Correct Answer: "d"

Q83) A container filled with liquid containing 4 parts of water and 6 parts of milk. How much of mixture must be drawn off and filled with water so that the mixture contains half milk and half water.
a. ¼
b. 1/3
c. 1/6
d. 1/5
Correct Answer: "c"

Q84) How much water must be added to 50 litre of milk costing 10 rupees per litre so as to bring the cost of milk to 8 rupees per litre.
a. 11.5
b. 12.5
c. 13.5
d. 14.5
Correct Answer: "b"

Q85) A zookeeper counted the heads of the animals in a zoo and found it to be 100. When he counted the legs of the animals he found it to be 340. If the zoo had either pigeons or elephants, how many pigeons were there in the zoo?
a. 45
b. 30
c. 70
d. 50
Correct Answer: "b"

Q89) 8 litres are drawn from a cask full of wine and is then filled with water. This operation is performed three more times. The ratio of the quantity of wine now left in cask to that of the water is 16 : 65. How much wine the cask hold originally?
a. 18 litres
b. 24 litres
c. 32 litres
d. 42 litres
Correct Answer: "b"

Q90) A mixture of 150 litres of wine and water contains 20% water. How much more water should be added so that water becomes 25% of the new mixture?
a. 10 litres
b. 20 litres
c. 30 litres
d. 40 litres
Correct Answer: "a"

Q91) The ratio of petrol and kerosene in the container is 3:2 when 10 liters of the mixture is taken out and is replaced by the kerosene, the ratio become 2:3. Then total quantity of the mixture in the container is:
a. 25
b. 30
c. 45
d. cannot be determined
Correct Answer: "b"

Q92. Find the next term in the series.
38, 51, 66, 83, 102, ?
1. 128
2. 115
3. 138
4. 123 5. 112
Answer key: 4

Q47. Find the next term in the series.
362, 324, 288, 254, 222, ?
1. 196
2. 208
3. 205
4. 192
5. 203
Answer key: 4

Q93. Find the next term in the series.
6, 33, 87, 168, 276, ?
1. 411
2. 418
3. 403
4. 354
5. 345
Answer key: 1

Q94. Find the next term in the series.
1008, 1015, 1026, 1039, 1056, ?
1. 1099
2. 1119
3. 1075
4. 1161
5. 1135
Answer key: 3

Q95. Find the next term in the series.
342, 214, 122, 60, 22, ?
1. 6
2. 21
3. 8
4. 11
5. 2
Answer key: 5

Q96. Find the next term in the series.
48.0, 120.0, 420.0, 1890.0, 10395.0, ?
1. 67567.5
2. 67486.5
3. 67427.5
4. 67401.5
5. 67744.5
Answer key: 1

Q97. Find the next term in the series. 11, 23, 43, 73, 115, ?
1. 153
2. 147
3. 149
4. 151
5. 171
Answer key: 5

Q98. Find the next term in the series.
36, 38, 43, 54, 71, ?
1. 113
2. 94
3. 70
4. 86
5. 90
Answer key: 2

Q99. Find the next term in the series.
6, 13, 22, 33, 46, ?
1. 2
2. 61
3. 70
4. 41
5. 46
Answer Key: 2

Q100. Find the next term in the series.
2, 4, 12, 48, 240, ?
1. 360
2. 820
3. 1440
4. 1330
5. 290
Answer Key: 3

Q101. Find the next term in the series. 2985984, 248832, 20736, 1728, 144, ?
1. 17
2. 12
3. 38
4. 24
5. 40
Answer Key: 2

Q102. Find the next term in the series. 176, 189, 200, 209, 216, ?
1. 221
2. 230
3. 249
4. 233
5. 248
Answer Key: 1

Q103. Find the next term in the series.
5799, 5699, 5555, 5359, 5103, ?
1. 4785
2. 4787
3. 4779
4. 4793
5. 4791
Answer key: 3

Q104. Find the next term in the series.
76, 76, 152, 228, 380, 608, ?
1. 988
2. 894
3. 876
4. 810
5. 888
Answer key: 1

Q105. Find the next term in the series.
35, 105, 420, 2100, 12600, ?
1. 26159
2. 88200
3. 53781
4. 40319
5. 49689
Answer Key: 2

Q106) A portion of $6600 is invested at a 5% annual return, while the remainder is invested at a 3% annual return. If the annual income from the portion earning a 5% return is twice that of the other portion, what is the total income from the two investments after one year?
A. 200
B. 270
C. 250
D. 280
Correct Answer: "B"

Q107) An automobile financier claims to be lending money at the simple interest, but he includes the interest every six months for calculating the principal. If he is charging an interest of 10%, the effective rate of interest becomes:
A. 10%
B. 10.25%
C. 10.10%
D. 10.80%
Correct Answer: "B"

Q108) Ramesh invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be Rs. 3508, what was the amount invested in Scheme B?
A. 6400
B. 6500
C. 7200
D. 7500
Correct Answer: "A"

Q109) If simple interest on a certain sum of money for 4 years at 5% per annum is same as the simple interest on Rs. 560 for 10 years at the rate of 4% per annum then the sum of money is:
A. 1180
B. 1120
C. 1200
D. 1250
Correct Answer: "B"

Q110) Rahul invested certain amount in three different schemes A, B and C with the rate of interest 10% p.a., 12% p.a. and 15% p.a. respectively. If the total interest accrued in one year was Rs. 3200 and the amount invested in Scheme C was 150% of the amount invested in Scheme A and 240% of the amount invested in Scheme B, what was the amount invested in Scheme B?
A. Rs 5000
B. Rs 6500
C. Rs 8000
D. Rs 10000
Correct Answer: "A"

Q111) A sum of money amounts to Rs. 8400 after 3 years and Rs. 12000 after 6 years at the same rate of simple interest. The rate of interest per annum is
A) 25%
B) 20%
C) 52%
D) 15%
Correct Answer: "A"

Q112) Sankar borrowed some money at the rate of 4% pa for the first 4 years,6% for the next 3 years and 7% for the next 10 years. If the total interest paid by him is Rs.8528,how much money did he borrow?
A) 8200
B) 8328
C) 16728
D) None of these
Correct Answer: "A"

Q113) Babu takes a loan Rs.2000 at 5% simple interest. He returns Rs.1000 at the end of 1 year. How much amount he should pay to clear the due in 2 years.
A) 1000
B) 1150
C) 2150
D) None of these
Correct Answer: "B"

Q114) A sum of money amounts to Rs. 1500 after 3 years and Rs.2000 after 5 years at the same rate of SI. Find the rate of interest per annum?
A) 30.3%
B) 33.03%
C) 33.33%
D) 30.30%
Correct Answer: "C"

Q115) A sum of Rs.1500 is lent out into 2 parts, one at 10% and another one at 6%. If the total annual income is Rs.100, Find the money lent at each rate
A) 550,910
B) 520,1250
C) 1250,250
D) 250,1250
Correct Answer: "D"

Q116) Yuvraj invested 1/2 of his capital at 4% and the remainder at10%. If his annual income is Rs.600. Find the capital
A) 8517
B) 8175
C) 8751
D) 8571
Correct Answer: "D"

Q117) Priya borrows 1000 rupees at the rate of 11% per annum on SI and rahul borrows 780 rupees at the rate of 15% per annum on SI. In how many years will the amount of debt of priya and rahul be equal.
A) 31.3/7 yrs
B) 31.2/7 yrs
C) 32.1/7 yrs
D) 32.2/7 yrs
Correct Answer: "A"

Q118) A sum of 8000 rupees is divided between two people A and B at the rate of interest of 4% and 5% respectively. The total interest earned after 2 years is equal to 750. Then find the ratio of investment between A and B.
A) 3:11
B) 5:11
C) 6:11
D) 7:11
Correct Answer: "B"

Q119) Ravi invested 20000 rupee in fixed deposit at the rate of 10% simple interest. After every 3 rd year he added interest to principal. Find the interest earned at the end of 6th year.
A) 7800
B) 8000
C) 7600
D) 8200
Correct Answer: "A"

Q120) A statue is priced at 15000 rupees. But a person wants instalment on the statue. So, he gave 10000-rupee cash and make an instalment of rupees 650 for 8 months. Find the rate of interest charged by the shopkeeper.
A) 4%
B) 6%
C) 8%
D) 10%
Correct Answer: "B"

Q121) The Simple interest on a certain sum for 2 years at 10% per annum is Rs. 90. The corresponding compound interest is:
A. 97
B. 90
C. 94.50
D. 100
Correct Answer: "C"

Q122) The SI on a certain sum of money for 3 year at 8% pa is half the CI on Rs. 8000 for 2 year at 10% pa. Find the sum placed on simple interest?
A. Rs 3500
B. Rs 3800
C. Rs 4000
D. Rs 4500
Correct Answer: "A"

Q123) Dheeraj had ₹ 23,000. He invested some amount in scheme A at SI at 20% and the remaining amount in scheme B at CI at 10%. If Sanjay got the same amount from both of them at the end of one year, how much (in ₹) did he invest in scheme B?
A. 15000
B. 12000
C. 11500
D. 13000
Correct Answer: "B"

Q124) What sum invested for 2 years at 12% compounded annually will grow to Rs. 4390.40?
A. 4000
B. 3875
C. 3800
D. 3500
Correct Answer: "D"

Q125) Divide Rs. 3903 between A and B, so that A's Share at the end of 7 years may equal to B's share at the end of 9 years, compound interest being at 4 percent.
A. 2018 and 1885
B. 2028 and 1875
C. 2008 and 1895
D. 2038 and 1865
Correct Answer: "B"

Q126) What will be the compound interest on a sum of ₹ 9000 at compound interest compounded annually at 8% per annum in two years?
A. Rs 1497.6
B. Rs 1479.6
C. Rs 1498
D. None of these
Correct Answer: "A"

Q127) ₹ 6100 was partly invested in Scheme A at 10% pa compound interest (compounded annually) for 2 years and partly in Scheme B at 10% pa simple interest for 4 years. Both the schemes earn equal interests. How much was invested in Scheme A?
A. Rs 4000
B. Rs 4500
C. Rs 5000
D. Rs 3250
Correct Answer: "A"

Q128) What annual payment will discharge a debt of 1025 due in 2 years at the rate of 5% compound interest?
A. 550
B. 551.25
C. 560
D. 560.35
Correct Answer: "B"

Q128) If the difference between the CI and SI on a sum of money at 5% per annum for 2 years is Rs.16. Find the Simple Interest?
A. 180
B. 460
C. 520
D. 640
Correct Answer: "D"

Q129) Rahul borrowed Rs. 1200 at 12% PA. He repaid Rs. 500 at the end of 1 year. What is the amount required to pay at the end of 2nd year to discharge his loan which was calculated in CI
A. 945.28
B. 1106.00
C. 1107.55
D. 1100.65
Correct Answer: "A"

Q129) Shivam has some amount of money and he invested the money in two schemes A and B in the ratio of 2 : 5 for 2 years, scheme A offers 30% pa compound interest and scheme B offers 15% pa Simple interest. Difference between the interest earned from both the schemes is Rs.1080. How much was invested in scheme B?
A. Rs 45000
B. Rs 46000
C. Rs 40000
D. Rs 45000
Correct Answer: "A"

Q130) A sum of Rs.8584 is to be paid back in 3 equal annual installments. How much is each installment if the interest is compounded annually at 14% per annum?
A. Rs 3700
B. Rs 4500
C. Rs 5500
D. Rs 5400
Correct Answer: "A"

Q131) Anjali lent Rs. 7000 to Suman for 3 years and Rs. 5000 to Sumit for 5 years on simple interest at the same rate of interest and she received Rs. 5520 from both of them as interest. Find the rate of interest.
A. 12 %
B. 13 %
C. 14 %
D. None of these
Correct Answer: "A"

Q132) The compound interest on Rs 7500 in 2 years when the successive rate of interest on successive years is 8% and 10% respectively:
A. Rs 1410
B. Rs 7510
C. Rs 1497
D. Rs None of these
Correct Answer: "A"

Q133) The CI on a certain sum at 10% pa for 2yrs is Rs.6548. What is SI on the sum of money at 7% pa for 4 years (approx)?
A. 8700
B. 8731
C. 8370
D. 8470
Correct Answer: "B"

Q134) A lent an amount of Rs. 1100 to B. This is to be paid back to A in two instalments. If the rate of interest, which A charges to B, be 20% compounded annually, then what is the value of each installment?
A. Rs 730
B. Rs 720
C. Rs 710
D. Rs 780
Correct Answer: "B"

135. Working together, Arjun and Ramesh can complete a task in 15 days. Arjun, working alone, can complete the task in 20 days, while Manoj can complete the same task by himself in 30 days. How many days will Manoj and Ramesh working together take to complete the task?
a. 15 days
b. 20 days
c. 24 days
d. 25 days
Correct Answer: "b"

136. The work done by a woman in 6 hours is equal to the work done by a man in 4 hours and by a boy in 12 hours. A task which normally takes 15 women working 6 hours a day 10 days to complete is given to 6 men and 9 boys working 4 hours a day. On which day will the task be completed?
a. 16th day
b. 17th day
c. 18th day
d. 19th day
Correct Answer: "b"

137. The task of planting roses along a stretch on the National highway was assigned to a group of men to be completed in 12 days. 8 men did not turn up for this task, and the task now took 20 days. How many men turned up and completed the task?
a. 12
b. 16
c. 20
d. 24
Correct Answer: "a"

138. 20 students are assigned the task to clean up a local park in 10 days. After 8 days, 12 students leave the work due to a viral infection. How many more days will the remaining students take to complete the task?
a. 2
b. 3
c. 4
d. 5
Correct Answer: "d"

139. Ram and Laxman are assigned the task to build a wall. Ram can complete the task in 30 days, while laxman can complete the same task in 60 days. When they work together, their efficiency drops to 80%. How long will they take to complete the task working together?
a. 15 days
b. 20 days
c. 25 days
d. 32 days
Correct Answer: "c"

140. Daily wage of A is 4/5 of the daily wage of B, and daily wage of C is 3/2 of the daily wage of A. If the average daily wage of A, B and C is taken together is Rs. 3000, then which of the following is the daily wages of each of them?
A. Rs. 2200, Rs. 2800, Rs. 4000
B. Rs. 2400, Rs. 3000, Rs. 3600
C. Rs. 2880, Rs. 3600, Rs. 4200
D. Rs. 1200, Rs. 1800, Rs. 6000
E. None of these
Correct Answer: "B"

141. A can complete a piece of work in 12 days, A, B and C can complete the work in 6 days. Efficiency of B is 0.5 times the efficiency of A. In how many days C can complete the work alone?
A. 10 days
B. 16 days
C. 24 days
D. 12 days
E. None of these
Correct Answer: "C"

142. A and B together can complete a piece of work in 12 days, B and C together can complete a piece of work in 16 days, A and C together can complete a piece of work in 24 days. Find the number of days in which A, B and C together can complete the work.
A. 31/5
B. 32/3
C. 32/5
D. 31/3
E. None of these
Correct Answer: "B"

143. A can complete a piece of work in 24 days and B can complete the work in 36 days. Efficiency of C is twice the efficiency of A and B together. Find the number of days in which C can complete the work alone.
A. 4 1/5 days
B. 7 1/5 days
C. 5 1/5 days
D. 6 1/5 days
E. None of these
Correct Answer: "B"

144. A can complete a piece of work in 36 days. Efficiencies of B and C are 1.5 times and 2 times respectively the efficiency of A. Find the number of days taken by all of them to complete the work.
A. 15 days
B. 9 days
C. 12 days
D. 8 days
E. None of these
Correct Answer: "D"

Q145 A is 150% of B and B is 40% of C. If A+B+C=20, then the value of 2B+3C – 4A is equal to:
A. 14
B. 15
C. 16
D. 20
Answer: A

Q.146. The population of a town increased by 15% in 2018 and 10% in 2019. Due to a pandemic, it decreased by 10% in 2020. What was the percentage increase in the population of the town in 3 years?
A. 17.5%
B. 12.5%
C. 13.85%
D. 15%
Answer: C

Q.147 One-third of 1206 is what percent of 134?
A. 125%
B. 150 %
C. 300%
D. 250%
Answer: C

Q.148 In an examination 80% candidates passed in English and 85% candidates passed in Mathematics. If 73% candidates passed in both these subjects, then what per cent of candidates failed in both the subjects?
A. 17
B. 8
C. 15
D. 35
Answer: B

Q.149 The population of a town increases every year by 4%. If its present population is 50,000, then after 2 years it will be:
A. 54900
B. 54080
C. 55000
D. 53900
Answer: B

Q.150. Mr Ajay spends 50% of his monthly income on household items and out of the remaining he spends 25% on travelling, 30% on entertainment, 15% on shopping and remaining amount of Rs. 900 is saved. What is Mr Ajay's monthly income?
A. 9000
B. 12000
C. 6000
D. None of these
Answer: A

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