Aptitude Mock 2

50 Questions
Time: 1 Hr
All The Best

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* Indicates required question

Email *

Your email address

Name *

Your answer

Student 12 digit roll no *

Your answer

Center *

- Kharghar
- Juhu

Two numbers are respectively 20% and 50% less than a third number. The ratio of the two numbers is: * 1 point

- 2 : 5
- 8: 5
- 4 : 5
- 6 : 7

A sum of money is to be distributed among A, B, C, D in the proportion of 5 : 2 : 4 : 3. If C gets Rs. 1000 more than D, what is B's share? * 1 point

- 500
- 1500
- 2000
- 2500

In a mixture 60 litres, the ratio of milk and water 2 : 1. If this ratio is to be 1 : 2, then the quantity of water to be further added is: * 1 point

- 20
- 30
- 40
- 60

The ratio of the number of boys and girls in a college is 7 : 8. If the percentage increase in the number of boys and girls be 20% and 10% respectively, what will be the new ratio? * 1 point

- 8 : 9
- 17 : 18
- 21 : 22
- 1 : 2

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? * 1 point

- 13 : 3 : 10
- 10 : 11 : 20
- 23 : 33 : 60
- 1 : 2 : 3

If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number? * 1 point

- 2:5
- 3:7
- 5:3
- 7:3

Weight of a sumo jointly varies as his height and his age. When height is 1.2 m and age is 20 years his weight is 48 kg. Find the weight of the sumo when his height is 1.5 m and age is 30 years: * 1 point

- 60
- 72
- 90
- 58

Two number are in the ratio 3 : 5. If 9 is subtracted from each, the new numbers are in the ratio 12 : 23. The smaller number is: * 1 point

- 27
- 33
- 49
- 55

Two trains having lengths of 140 m and 160 m run at the speeds of 6 m/s and 4 m/s respectively in opposite directions (on parallel tracks). The time which they take to cross each other, is * 1 point

- 5 sec
- 10 sec
- 3 sec
- 30 se

A train 125 m long passes a man, running at 5 km/hr in the OPPOSITE direction in which the train is going, in 10 seconds. The speed of the train is: * 1 point

- 40 kmph
- 45 kmph
- 60 kmph
- If you mark this, a panda dies.

The length of the bridge, which a train 175 metres long and travelling at 45 km/hr can cross in 30 seconds, is: * 1 point

- 100 m
- 200 m
- 250 m
- Say sorry to the trees which produce oxygen for you.

Walking at 3/4 of his normal speed, Dumbledore is 16 minutes late reaching his office. The usual time taken by him to cover the distance between his home and his office is * 1 point

- 60 min
- 40 min
- 48 min
- Dumbledore is disappointed in you.

A boat rows 16 km up the stream and 30 km downstream taking 5 hours each time. The speed of the current is * 1 point

- 1 kmph
- 1.2 kmph
- 1.6 kmph
- 1.4 kmph

A man goes downstream at x km/h and upstream at y km/h. The speed of the BOAT in still water is * 1 point

- (x+y)/2
- (x-y)/2
- x+y
- x-y

If the average weight of 10 men is 40 kg, and that of 20 women is 25 kg, the average weight of 30 persons is: * 1 point

- 25
- 30
- 35
- 40

2 dragons and 8 unicorns are bought at an average of Rs.140. If the average price of a unicorn is Rs.60. What is the average price of a dragon? * 1 point

- 460
- 920
- 480
- 140

The average age of husband, wife and their child 3 years ago was 27 years and that of wife and the child 5 years ago was 20 years. The age of the husband five years ago was: * 1 point

- 60
- 50
- 40
- 35

The average of 100 numbers is zero. Of them, at the most, how many can be greater than zero? * 1 point

- 0
- 50
- 99
- 98

The average age of husband, wife and their child 3 years ago was 27 years and that of wife and the child 5 years ago was 20 years. The age of the husband ten years later will be: * 1 point

- 40
- 90
- 50
- 30

Chandler can do a piece of work in 10 days. Joey can do it in 15 days. If the total wages for the work is Rs. 50. How much should Chandler be paid if they work together for the entire duration of the work? * 1 point

- Rs.30
- Rs.20
- Rs.40
- Rs.10

if A & B can do a job in 8 days and B & C can do the same job in 12 days. If A, B & C work together they can finish the job in 6 days. In how many days can A & C finish the job? * 1 point

- 8
- 10
- 12
- 14

A can do a piece of work in 20 days. He works at it for 5 days and then B finishes it in 10 more days. In how many days will A and B together finish the work? * 1 point

- 8
- 10
- 12
- 14

Chandler can copy 50 pages in 10 hours. Chandler and Joey together can copy 300 pages in 40 hours. In how much time can Joey copy 30 pages? * 1 point

- 13 hours
- 12 hours
- 11 hours
- 9 hours

The difference between the CI and SI on a certain sum at 10% per annum for 2 years is Rs. 48. Find sum. * 1 point

- Rs.4800
- Rs.2400
- Rs.9600
- Rs.480

Pointing to a woman, Shaktimaan said, "Her granddaughter is the only daughter of my brother." How is the woman related to Shaktimaan? * 1 point

- Mother
- Mother-in-law
- Sister
- Grandmother

P is the mother of K; K is the sister of D; D is the father of J. How is J related to P? * 1 point

- Grandmother
- Can't be determined
- Granddaughter
- Nephew

In a family, there are six members A, B, C, D, E and F. A and B are a married couple, A being the male member. D is the only son of C, who is the brother of A. E is the sister of D. B is the daughter-in-law of F, whose husband has died. How is F related to E? * 1 point

- Granddaughter
- Daughter
- Mother
- Grandmother

Flash runs 5 km towards East and then turns left and walks 6 km. Again he turns right and walks 9 km. Finally, he turns to his right and walks 6 km. How far is he from the starting point and in which direction? * 1 point

- 9km, West
- 14km, East
- 9km, East
- 14km, West

Milkha runs 5 km towards West and then turns right and walks 6 km. Again he turns left and walks 9 km. Finally, he turns to his left and walks 6 km. How far is the starting point from his present position and in which direction? * 1 point

- 9km, West
- 14km, East
- 9km, East
- 14km, West

The total strength of the class is 90 and the number of boys is twice that of girls. Suraj is ranked 14th from the top. Suppose there are 10 girls ahead of Suraj. Find the number of boys after him in the ranking order. * 1 point

- 56
- 26
- 27
- 57

There are 123 people standing in a queue. P is standing at the 62nd place from the front and R is standing at 30th place from the back. Q is standing between P and R such that there is an equal number of people between P and Q and between Q and R. What is the position of Q from the back? * 1 point

- 46th
- 50th
- 60th
- 24th

There are 69 people standing in a row to buy movie tickets. Raman is standing at the 33rd place from the front and Raja is standing at the 41st place from the back. There are two people between Raja and Rohit and Rohit is standing behind Raja. How many people are there between Raman and Raja? * 1 point

- 0
- 1
- 2
- 3

P is standing in a line, and he can see there are 10 people behind him and 15 people ahead of him. Q is also standing in that line, and he can see that there are 17 people behind him and 8 people ahead of him. How many people are there between P and Q? * 1 point

- 6
- 7
- 8
- 9

A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the left of A. Who is to the immediate left of X? * 1 point

- P
- R
- A
- Z

A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position D is sitting? * 1 point

- Between B and C
- Between B and E
- Extreme left
- Extreme right

Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary. Who is sitting in the middle? * 1 point

- Rani
- Bindu
- Reeta
- Seema

There are five students P,Q,R,S and T who are sitting on a bench. T & Q are sitting together, T & R are sitting together, P is on the extreme left, Q is second from extreme right. Who are sitting between P & Q? * 1 point

- R & S
- R & T
- T & S
- T

Seven players, A, B, C, D, E, F and G are sitting along a circle facing at the centre and are playing cards. E is the neighbour of A and D. F is on the immediate right of A. There is only one person between F and C, and it is not G. Who are the neighbours of B? * 1 point

- F & C
- C & D
- E & G
- Can't be determined

Four people A, B, C and D went to four different places - Gujarat, Delhi, Goa and Kerala by different modes of transport - Train, Car, Aeroplane and Bus. The person who travelled to Delhi did not travel by Bus. C travelled by Aeroplane and went to Goa. A went to Kerala by Car and D travelled by Bus. Who travelled to Gujarat? * 1 point

- D
- A
- B
- C

Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are: * 1 point

- 39, 30
- 41, 32
- 42, 33
- 43, 34

A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had: * 1 point

- 588
- 600
- 672
- 700

In a certain school, 20% of students are below 8 years of age. The number of students above 8 years of age is 2/3 of the number of students of 8 years of age which is 48. What is the total number of students in the school? * 1 point

- 72
- 80
- 120
- 100

Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B. Find the ratio of A : B. * 1 point

- 2 : 3
- 1 : 1
- 3 : 4
- 4 : 3

In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was: * 1 point

- 2700
- 2900
- 3000
- 3100

Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get? * 1 point

- 57 %
- 60 %
- 65 %
- 90 %

Two tailors X and Y are paid a total of Rs. 550 per week by their employer. If X is paid 120 percent of the sum paid to Y, how much is Y paid per week? * 1 point

- 200
- 250
- 300
- 500

Gauri went to the stationers and bought things worth Rs. 25, out of which 30 paise went on sales tax on taxable purchases. If the tax rate was 6%, then what was the cost of the tax free items? * 1 point

- 15
- 15.70
- 19.70
- 20

Rajeev buys good worth Rs. 6650. He gets a rebate of 6% on it. After getting the rebate, he pays sales tax @ 10%. Find the amount he will have to pay for the goods. * 1 point

- 6876.10
- 7000
- 6500
- 6654

The population of a town increased from 1,75,000 to 2,62,500 in a decade. The average percent increase of population per year is: * 1 point

- 4.37
- 5
- 6
- 8.75

Seats for Mathematics, Physics and Biology in a school are in the ratio 5 : 7 : 8. There is a proposal to increase these seats by 40%, 50% and 75% respectively. What will be the ratio of increased seats? * 1 point

- 2 : 3 : 4
- 6 : 7 : 8
- 6 : 8 : 9
- 1: 2 : 3

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