

Student Result

Student Name: mahesh

Exam: Aptitude

Score: 0.0/40.0

Percentage: 0.00%

Question-wise Summary

Sr.no	Question	Selected Answer	Correct Answer
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1	A small town named Meadowville experiences not able changes in its population over three years. In the first year, the population grows by 10%, but in the second year, it shrinks by 5%. By the third year, the town sees a significant recovery with a 15% increase. Considering all these fluctuations, what is the total percentage change in Meadowville's population after these three years?	Not Answered	20%
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2	Brothers, Alex and Bob, have their ages in the ratio 5:7. Fast forward six years, and their ages will be in the ratio 3:4. Can you figure out Alex's current age?	Not Answered	30years
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3	At Gada electronics, Jethalal decides marks up his electronic goods 50% on cost price to make good profit. To further entice customers, he offers subsequent discounts of 10% + 10% on the marked price. What is the profit percentage Jethalal ultimately earns from his sales?	Not Answered	21.5%
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4	An artisan dairy farmer has a special 20-liter blend of milk and water mixed in a 14:6 ratio. One day, the farmer decides to experiment: they remove some of the mixture and replace it with water, which reduces the milk concentration by 10%. How many liters of water did they actually add?	Not Answered	2
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5	Firm Everest Builders has a challenging project to complete within a strict deadline of 20 days. To tackle this, they initially hire 45 workers. After 10 days of diligent work, they discover that only 60% of the work has been finished. With time running out, the firm needs to decide how many additional workers to bring in to ensure the project is completed on time. Please calculate the number of workers required to meet the deadline?	Not Answered	15
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Imagine you're planning a road trip between two beautiful cities, Udupi and Wayanad. On the way there, your car cruises smoothly at 60 km/h, enjoying the scenic views. However, on the return trip, with lighter traffic, you manage to speed up to 90 km/h. Over the entire journey, what would be the car's average speed?

70km/hr

72km/hr

7	Brittany borrows \$1,000 from the bank at an interest rate of 10% per month, compounded monthly. As per the loan agreement, she must repay the loan in three equal installments over three months. What is the approximate amount of each installment Brittany needs to pay, rounded to the nearest dollar?	Not Answered	402
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8	Distinct positive integers p and q have a remainder of 2 when divided by 9. What is the remainder when 3 digit number placed as $pq5$ is divided by 9?	Not Answered	0
9	If $(x+1x=9)(x+1x=9)$, what is the value of $(x^2+1x^2)(x^2+1x^2)$?	Not Answered	79

10	You have 4 actors and 4 cricketers waiting to be seated in a row for an award function. However, there's a catch: no two actors are allowed to sit together. How many different ways can they be seated while maintaining this arrangement rule?	<i>Not Answered</i>	2880
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11	Inside a bag, there are 7 chocolates, 4 cupcakes, and 2 candies. If you were to reach into the bag, eyes closed, and pick just one item, what is the chance that you grab either a cupcake or a chocolate?	Not Answered	11/13
12	In which of the following triangle, the centroid divides median in the ratio 2 : 1?	Not Answered	All The Above

13	You are a contractor tasked with creating two unique exercise areas in a recreational park. The first area is a square-shaped field, which has been finalized with a side length of 55 meters. The second area is a circular running track that must have the same perimeter as the square field. Determine the radius of this circular track ?	Not Answered	70cm
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14	An engineering college organized quiz competition as part of the tech-fest. The scores of quiz participants were: 5, 4, 1, 8, and 9. Find the median?	Not Answered	5
15	A survey shows the percentage distribution of different modes of transport used by people in a city . If the total population surveyed is 20,000, How many people use the train as their primary mode of transport?	Not Answered	5000

16	If today is Saturday, then what day would it be after 20 days?	<i>Not Answered</i>	Friday
17	A man starts with 40 chocolates. Every 4 wrappers can be exchanged for 1 chocolate. What is the maximum number of chocolates he can eat?	<i>Not Answered</i>	45
18	A car travels 90 km at 30 km/hr and another 60 km at 20 km/hr. Find the average speed.	<i>Not Answered</i>	24km/hr

19	The present ages of three persons are in the proportion 4 : 7 : 9. Eight years ago, the sum of their ages was 56 years. The present age of the eldest person is	<i>Not Answered</i>	36years
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20	The sum of four numbers is 64. If you add 3 to the first number, 3 is subtracted from the second number, the third is multiplied by 3 and the fourth is divided by 3, then all the results are equal. What is the difference between the largest and the smallest of the original numbers?	Not Answered	32
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21	The difference between two numbers is 10 and one-fifth of their sum is equal to 8. Find the smaller number	<i>Not Answered</i>	15
22	The product of two numbers is 2028 and their H.C.F. is 13. The number of such pairs is	<i>Not Answered</i>	2
23	Which greatest number will divide 3026 and 5053 leaving remainders 11 and 13 respectively?	<i>Not Answered</i>	45

24	The arithmetic mean of 15 numbers is 41.4. Then the sum of these numbers is	<i>Not Answered</i>	621
25	In a family, the average age of a father and a mother is 35 years. The average age of the father, mother and their only son is 27 years. What is the age of the son?	<i>Not Answered</i>	11years

26	The average of ten numbers is 7. If each number is multiplied by 12, then the average of the new set of numbers is :	<i>Not Answered</i>	84
27	The average salary of all the workers in a workshop is 8000rs. The average salary of 7 technicians is 12000rs and the average salary of the rest is 6000rs. The total number of workers in the workshop is	<i>Not Answered</i>	22

28	A number is doubled and 9 is added. If the resultant is trebled, it becomes 75. What is that number?	<i>Not Answered</i>	8
29	If the sum of one-half and one-fifth of a number exceeds one-third of that number by $1\frac{7}{3}$, the number is	<i>Not Answered</i>	20
30	The difference between two numbers is 10 and one-fifth of their sum is equal to 8. Find the smaller number	<i>Not Answered</i>	15

31	The ages of A and B are presently in the ratio of 5 : 6 respectively. Six years hence, this ratio will become 6 : 7 respectively. What was B's age 5 years ago?	Not Answered	31years
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32	Eight year ago, Poorvi's age was equal to the sum of the present ages of her one son and one daughter. Five years hence, the respective ratio between the ages of her daughter and her son that time will be 7 : 6. If Poorvi's husband is 7 years elder to her and his present age is three times the present age of their son, what is the present age of the daughter? (in years)	Not Answered	23years
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33	$(19)^{12} \times (19)^8 \div (19)^4 = (19)^?$	Not Answered	None Of These
34	$(25)^{7.5} \times (5)^{2.5} \div (125)^{1.5} = 5^?$	Not Answered	13
35	If $\log 2 = 0.30103$, then the number of digits in 5^{20} is	Not Answered	14
36	$(23.6\% \text{ of } 1254) - (16.6\% \text{ of } 834) = ?$	Not Answered	157.5
37	The cost price of an article is ₹ 7840. What should be the selling price of the article so that there is a profit of 7%?	Not Answered	8388.80rs

38	A jar contains black and white marbles. If there are ten marbles in the jar, then which of the following could not be the ratio of black to white marbles?	Not Answered	1:10
39	A bag has coins of 50 paisa, 25 paisa and 10 paisa in the respective ratio of 5 : 8 : 3 whose total value is 144rs. Find the number of 50 paisa coins	Not Answered	150

40	A, B and C invested their capitals in the ratio 3 : 4 : 6. However their shares of profit are equal. The durations of their investments must be in the ratio	Not Answered	4:3:2
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