

Puzzle:

1. An exam was conducted and the following was analyzed. 5 men were able to check some exam papers in 6 days working 4 hours regularly. What is the total number of hours taken by 2 men in 20 days to check double the number of exam papers?
2. If the alphabets are written in the sequence of a, bb, ccc, dddd, eeeee, fffff, .... What will be the 210th letter?
3. There is a tank whose  $\frac{1}{5}$ th part is filled with fuel. If 20 litres of fuel is poured into the tank, the indicator rises to the  $\frac{1}{4}$ th mark of the tank. So what is the total capacity of the tank? (Write only number)
4. There is a set of 30 numbers. The average of the first 10 numbers is twice the average of the last 20 numbers. What is the sum of the last 20 numbers?
5. There is a town called Metron, where the wheels of the front and rear of vehicles are of different sizes. The measurement unit followed in the town is the metre. The circumference of the front wheel of the car is 132 inches and that of the rear wheels is 220 inches. So what is the distance travelled by the cart in inches when the front wheel has done six more revolutions than the rear wheel?
6. 20 litres of 75% of a concentrated acid solution is to be prepared. How many litres of 80% concentrated acid needs to be mixed with 60% solution of concentrated acid to get the result
7. Ram will be 30 years old in five years from now. In 2 years, Ram's father's age will be twice Ram's age and three years ago, his mother's age was twice his age. What will be the present age of Ram's father and mother?
8. In a class, the number of boys is equal to the number of girls. What was the total number of students if twice the number of boys as girls remained when 12 girls left?
9. There is a chocolate factory which distributes chocolates to a class. It supplies chocolates to a class of 50 students for 30 days, keeping in mind that all students get an equal number of chocolates. For the first 15 days, only 30 students were present. How many students can be accommodated into the group so that all the chocolates get consumed?
10. A flight takes off at 2 a.m. from a place at 18N 20E and lands at 36N 80W, 10 hours later. Assuming 1 degree is equivalent to 4 minutes, what is the local time of the destination?
11. An athletic run at 15 km/hr along a railway track. The track is 110m long and ahead of a train 90m long running at 60km/hr, in the same direction. how much time will the train take to completely cross the athlete?
12. A takes 6 days to complete a work while B takes 9 days. Both of them finish work and earn Rs.150. What is A's share of money?
13. Ram and Shyam's salaries are in the ratio of 3:5. If both of their salaries are increased by Rs. 5000 each, the new ratio becomes 7:11. What is Shyam's present salary?
14. At what rate percent per annum will the SI on a sum of money be  $\frac{3}{10}$  of the amount in 5 years?
15. A call center agent has a list of 575 phone numbers of people in alphabetical order of names, but Anuj does not have any of the names. He needs to quickly contact Danish Mank to convey a message to him. If each call takes 2 minutes to complete, and every call is answered, what is the minimum amount of time during which he can guarantee to deliver the message to Danish?

16. There is an office consisting of 60 people. 15 of them like to play golf, 35 like to play football, and 15 neither play golf nor football. How many like both golf and football?
17. If a dice is rolled 2 times, what is the probability of getting a pair of numbers with sum equal to 5 or 6?
18. Ram alone can paint a wall in 3 days and his friend Roy alone paints the same wall in 5 days. In how many days they can paint the wall working together? (Round off your answer)
19. Rahaman went to a stationery shop and bought 18 pencils for Rs.100. He paid 1 rupee more for each grey pencil than for each black pencil. What is the price of a black pencil and how many black pencils did he buy?
20. Ram said Shyam "If you give me half your money I will have Rs.100." Shyam said, "If you give me one-third of your money, I will have Rs.100 How much money did Shyam have
21. Ram goes to the market to buy apples. If he can bargain and reduce the price per apple by Rs.1, he can buy 30 apples instead of 15 apples with the money he has. How much money does he have?
22. In the given series: 90, 74, 65, 61..... What will be the next number?
23. Crusoe hatched from a mysterious egg discovered by Angus was growing at a fast pace that Angus had to move it from home to the lake. Given the weights of Crusoe in its first weeks of birth as 5, 15, 30, 135, 405, 1215, 3645. Find the odd weight out.
24. A sum of Rs.5000 is distributed among P, Q, and R. P gets  $\frac{1}{4}$  of what Q and R got together and R gets  $\frac{2}{3}$  of what P and Q got together, R's share is?
25. In the given series 21, 33, 57, 93, 141, ... What is the next number?
26. If a number is divided by 731 the remainder is 3, what will be the remainder if the number is divided by 17?
27. All even numbers from 2 to 198 inclusive the both are to be multiplied together. What is the unit digit of the product?