1. A train passes a station platform in 36 sec and a man standing on the platform in 20 sec. If the speed of the train is 54 km/hr. What is the length of the platform?
2. 120m
3. 240m
4. 360m
5. None of the Above
6. In a game of billiards, A can give B 20 points in 60 and he can give C 30 points in 60. How many points can B give C in a game of 100?
   1. 25
   2. 50
   3. 52
   4. 05
7. Aman started a business investing Rs. 70,000. Rakhi joined him after six months with an amount of Rs. 1, 05,000 and Sagar joined them with Rs. 1.5 lakhs after another six months. The amount of profit earned should be distributed in what ratio among Aman, Rakhi and Sagar respectively, 3 years after Aman started the business?
   1. 7:6:10
   2. 12:15:16
   3. Either a or b
   4. None of these
8. A person can row at 9 kmph and still water. He takes 4 1/2 hours to row from A to B and back. What is the distance between A and B if the speed of the stream is 1 kmph?
   1. 25
   2. 50
   3. 52
   4. 20
9. Two passenger trains start at the same hour in the day from two different stations and move towards each other at the rate of 16 kmph and 21 kmph respectively. When they meet, it is found that one train has traveled 60 km more than the other one. The distance between the two stations is?
   1. 44
   2. 444
   3. 4444
   4. 440
10. Ronald and Elan are working on an assignment. Ronald takes 6 hrs to type 32 pages on a computer, while Elan takes 5 hrs to type 40 pages. How much time will they take, working together on two different computers to type an assignment of 110 pages?
    1. 8 hrs 30 min
    2. 8 hrs
    3. 8 hrs 15 min
    4. 8 hrs 45 min
11. A person was asked to state his age in years. His reply was, "Take my age three years hence, multiply it by 3 and then subtract three times my age three years ago and you will know how old I am." What was the age of the person?
    1. 20
    2. 18
    3. 15
    4. 36
12. Six points are marked on a straight line and five points are marked on another line which is parallel to the first line. How many straight lines, including the first two, can be formed with these points?
    1. 31
    2. 32
    3. 33
    4. 34
13. Three pipes A, B and C can fill a tank in 6 hours. After working at it together for 2 hours. C is closed A and B can fill the remaining par in 7 hours. The number of hours taken by C alone to fill the tank is?
    1. 10
    2. 12
    3. 14
    4. 16
14. In a party there are 5 couples. Out of them 5 people are chosen at random. Find the probability that there are at the least two couples?
    1. 5/21
    2. 5/14
    3. 5/7
    4. 5/28