A sum of money was invested in a bank at 8% simple interest p.a. for 3 years. Inste h it been invested in mutual fund at 8.5% p.a. simple interest for 4 years, the earning would have been Rs.500 more. What is the sum invested?
(a)Rs.4500 (b)Rs.5000 (c)Rs.3500 (d)Rs. 5500

A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?
(a)120 m (b)240 m (c)300 m (d)None of these

3 workers transfer a tool weighing 120kg in 12 seconds. How many men are required to transfer it in 9 seconds?
(a)4 (b)5 (c)6 (d)8

A can do a work in 14 days and working together A and B can do the same work in 10 days. In what timecan B alone do the work?
(a)25 days (b)30 days (c)23 days (d)35 days

An enterprising businessman earns an income of Re 1 on the first day of his business. On every subsequent day, he earns an income which is just double of that me on the previous day. On the 20thday of business, he earns an income of:
(a)Rs 2^19 (b)Rs 2^20 (c)Rs 202 (d)Rs 20

Ajay, Bhavan and Chetan started a business together. Thrice the investment of Ajay, twice the investment of Bhavan and the investment of Chetan are equal. Find the ratio of their respective profits at the end of the year?
(a)0.04306713 (b)2:3:6 (c)0.126400463 (d)1:2:3

A trer makes a profit equal to the selling price of 75articles when he sold 100 of the articles. What % profit did he make in the transaction?
(a)0.3333 (b)0.75 (c)3 (d)1.5

A sum of Rs.13000 is divided into three parts such that the simple interests accrued on them for two, three and four years respectively may be equal. Find the amount deposited for 4 years
(a)5000 (b)6000 (c)4000 (d)3000

The interest on a certain deposit at 4.5% p.a. is Rs. 405 in one year. How much will the ditional interest in one year be on the same deposit at 5% p.a. ?
(a)Rs.50 (b)Rs. 45 (c)Rs.40.5 (d)Rs. 48.5

A trer professes to sell his goods at a loss of 8% but weights900 grams in place of a kg weight. Find his real loss or gain percent.
(a)2% loss (b)2.22% gain (c)2% gain (d)None ofthese

Rajiv sold an article for Rs.56 which cost him Rs.x. If he hgained x% on his outlay, what was his cost?
(a)Rs. 40 (b)Rs.45 (c)Rs. 36 (d)Rs. 28

A, B, and C contest an election from a particular constituency. A and B together got 50% more votes than C. The vote share of A and C together is 30 percentage points more than the vote share of B. Who won the election?
(a)A (b)B (c)C (d)Cannot be determined

A train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:
(a)45 km/hr (b)50 km/hr (c)54 km/hr (d)55 km/hr

Amit throws a biased coin on which the he appears in 65% of the situations. In a game involving this coin, if Amit is paid Rs.15 per he and he has to pay Rs.20 for a tail, then in the long run, per game Amit makes an average
(a)Profit of Rs.2.25 (b)loss of Rs.2.25 (c)profit of Rs.2.75 (d)loss of Rs.2.75

1+52+53++100) is equal to:
(a)2525 (b)2975 (c)3225 (d)3775

Ajith and Rana walk around a circular course 115 km in circumference, starting together from the same point. If they walk at speed of 4 and 5 kmph respectively, in the same direction, when will they meet ?
(a)after 20 hours (b)after 115 hours (c)after 115 minutes (d)after 20 minutes

A and B started a business investing Rs. 90,000 and Rs 20,000 respectively. In what ratio the profit earned after 2 years be divided between A and B respectively?
(a)0.376388889 (b)0.126388889 (c)18:20 (d)0.752777778

Rohit and Rohan can complete a work in 12 days and 6 days respectively. How much time will they take when working together?
(a)4 (b)3 (c)5 (d)2

Anand and Deepak started a business investing Rs. 22,500 and Rs. 35,000 respectively. Out of a total profit of Rs. 13,800, Deepaks share is :
(a)Rs. 5400 (b)Rs.7200 (c)Rs. 8400 (d)Rs. 9600

A man moves from A to B at the rate of 4 km/hr. H he moved at the rate of 3.67 km/hr, he would have taken 3 hours more to reach the destination. What is the distance between A and B?
(a)33 kms (b)132 kms (c)36 kms (d)144 kms

20.05 + 35.603- =43.087
(a)10.263 (b)12.566 (c)15.426 (d)13.286

A boat moves upstream at the rate of 1 km in 20 minutes and down stream 1 km in 12 minutes. The speed of the current is :
(a)1 kmph (b)2 kmph (c)3 kmph (d)2.5 kmph

On dividing a number by 999, the quotient is 366 and the remainder is 103. The number is:
(a)364724 (b)365387 (c)365737 (d)366757

A person can row 750 metres against the stream in 11 1by4 minutes and returns in 7 and half minutes. The speed of the person in the still water is :
(a)2 km/hr (b)3 km/hr (c)4km/hr (d)5 km/hr

A and B participate in a 5000 m bicycle race which is being run on a circular track of 500 m. If the speed of A and B are 20 m/s and 10 m/s respectively, what is the distance covered by A when he passes B for the seventh time ?
(a)2500m (b)2500m (c)4000 m (d)situation is not possible

A goods train runs at the speed of 72 kmph and crosses a 250 m long platform in 26 seconds. What is the length of the goods train?
(a)230 m (b)240 m (c)260 m (d)270 m

A large tanker can be filled by two pipes A and B in 60 minutes and 40 minutes respectively. How many minutes will it take to fill the tanker from empty state if B is used for half the time and A and B fill it together for the other half?
(a)15 min (b)20 min (c)27.5 min (d)30 min

A train 360 m long is running at a speed of 45 km/hr. In what time will it pass a bridge 140 m long?
(a)40 sec (b)42 sec (c)45 sec (d)48 sec

A man driving his bike at 24 kmph reaches his office 5 minutes late. H he driven 25% faster on an average he would have reached 4 minutes earlier than the scheduled time. How far is his office?
(a)24 km (b)72 km (c)18 km (d)Data Insufficient

A is twice as good a workman as B and together they complete a work in 12 days. In how many days A alone can do the work?
(a)32 (b)34 (c)35 (d)36