**Simple Interest**

**Finding S.I:**

1. Find S.I and an amount for Rs.20000 at 6% for 3 years.
2. The simple interest on a sum of money will be Rs.600 after 10 years. If the principal is tripled after 5 years what will be the total interest at the end of the tenth year?
3. Sonika deposited Rs.8000 which amounted to Rs.9200 after 3 years at simple interest. Had the interest been 2% more. She would get how much?

**Finding Principal :**

1. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is?
2. A person lent a certain sum of money at 4% per annum at simple interest and in 8 years the interest amounted to Rs.340 less than the sum lent. What was the sum lent?
3. Rs.2500 is divided into two parts such that if one part is put out at 5% simple interest and the other at 6%, the yearly annual income may be Rs.140. How much was lent at 5%?
4. A sum of Rs.2600 is lent in two parts so that the interest on the first part for a period of 3 years at 5% may be equal to the interest on the second part for 6 years at 4%. The second part is equal to ?

**Finding Rate of Interest**

1. At what rate percent on simple interest will Rs.750 amount to Rs.900 in 5 years?
2. A certain sum amounts to Rs.1725 in 3 years and Rs.1875 in 5 years. Find the rate % per annum?

**Finding Amount**

1. If Rs.450 amounts to Rs.540 in 4 years, what will it amount to in 6 years at the same rate % per annum?
2. An amount of Rs. 3000 becomes Rs. 3600 in four years at simple interest. If the rate of interest was 1% more, then what was the total amount?

**Finding Time Period:**

1. In how many years does a sum of Rs. 5000 yield a simple interest of Rs. 16500 at 15% p.a.?
2. The simple interest on a sum of money is 4/9 of the principal and the number of years is equal to the rate percent. Find the rate and the time?
3. What will be the ratio of simple interest earned by a certain amount at the same rate of interest for 6 years and that for 9 years?

**Doubles or Triples:**

1. At what rate percent on simple interest will a sum of money four times itself in 10 years?
2. A sum of money becomes triple itself in 5 years at simple interest. How many years will it become six times at the same rate?

**Compound Interest**

**Finding C.I. & Amount:**

1. Find the C.I. & amount for Rs. 5000 at 10% per annum for 2 years ?
2. Find the C.I. for Rs. 20000 at 20% for 1 yr 6 months which is compounded half-yearly ?
3. Find the C.I. for Rs.10000 at 12% for 9 months which is compounded quarterly?

**Finding Rate of Interest:**

1. An amount of Rs. 500 amounts to Rs. 583.20 in two years if compounded annually. Find the rate of interest per annum.
2. Compound interest earned on a sum for the second and the third years are Rs.1200 and Rs.1440 respectively. Find the rate of interest?

**Finding Time:**

1. Rs.8000 becomes Rs.9261 in a certain interval of time at the rate of 5% per annum of C.I. Find the time?
2. In what time will Rs 5400 amount to Rs 6773.76 at 12% per annum compounded annually?

**Finding Principal:**

1. A certain sum amounts to Rs. 2420 in 2 years and to Rs. 2662 in 3 years. Find the sum.
2. A certain sum amounts to Rs. 7000 in 2 years and to Rs. 8000 in 3 years. Find the sum

**Doubles & Triples:**

1. A sum of money doubles itself at compound interest in 10 years. In how many years will it be eight times?
2. A sum of money triples itself in 3 years at compound interest. In how many years will it become 9 times itself ?

**Difference b/w S.I & C.I**

1. The difference between C.I. and S.I. a certain sum at 10 % per annum for 2 years is Rs. 530. Find the sum.
2. The difference between C.I. and S.I. accrued on an amount of Rs. 20,000 in 2 years was Rs. 392. Find the rate of interest per annum.