IBPS CLERK EXAM SPECIAL

QUICK REVISION

SIMPLE INTEREST

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Ques No.	Question
1	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A person borrowed Rs. 500 @ 3% per annum S.I. and Rs 600 @ $4\frac{1}{2}$% per annum on agreement that the whole sum will be returned only when the total interest becomes Rs. 126. The number of years, after which the borrowed sum is to be returned, is ▶ Watch Free Video Solution on Doubtnut
2	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** a,b and c are the three sums of money such that b is the simple interest on a and c is the simple interest on b for the same time and same rate. Which is the following is correct? (a) abc=1 (b) c^2=ab (c) b^2=ac (d) a^2=bc ▶ Watch Free Video Solution on Doubtnut
3	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Find the simple interest on Rs 3000 at $6\frac{1}{4}\%$ per annum for the period from 4th Feb., 2009 to 18th April, 2009. ▶ Watch Free Video Solution on Doubtnut
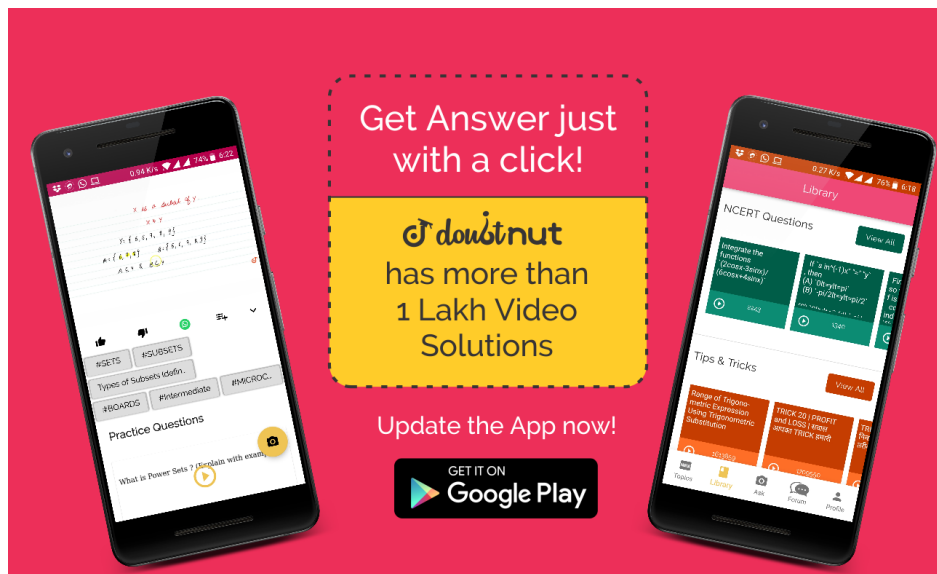
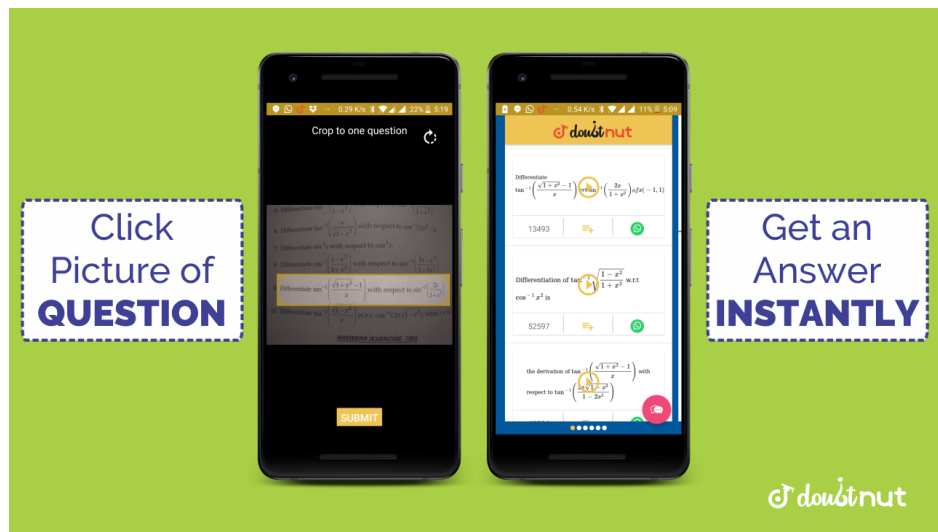| 4	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A sum at simple interest at $13\frac{1}{2}\%$ per annum amounts to Rs 2502.50 after 4 years. Find the sum. ▶ Watch Free Video Solution on Doubtnut
5	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** The simple interest accrued on an amount of Rs 2500 at the end of 6 years is Rs 1875. What would be the simple interest accrued on an amount of Rs 6875 at the same rate and for the same period? ▶ Watch Free Video Solution on Doubtnut
6	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A sum of Rs 800 amounts to Rs 920 in 3 years at simple interest. If the interest rate is increased by 3%, it would amount to how much? ▶ Watch Free Video Solution on Doubtnut
7	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Adam borrowed some money at the rate of 6% p.a. for the first two years, at the rate of 9% p.a. for the next three years, and at the rate of 14% p.a. for the period beyond five years. If he pays a total interest of Rs 11400 at the end of nine years, how much money did he borrow? ▶ Watch Free Video Solution on Doubtnut

8	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** At what rate of simple interest a certain sum will be doubled in 15 years? ⏵ Watch Free Video Solution on Doubtnut
9	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** In how many years will a sum of money double itself at $6\frac{1}{4}\%$ simple interest per annum? ⏵ Watch Free Video Solution on Doubtnut
10	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A certain sum of money becomes three times of itself in 20 years at simple interest. In how many years does it become double of itself at the same rate of simple interest? ⏵ Watch Free Video Solution on Doubtnut
11	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** The simple interest on a sum of money is $\frac{4}{9}$ of the principal. Find the rate percent and time, if both are numerically equal. ⏵ Watch Free Video Solution on Doubtnut

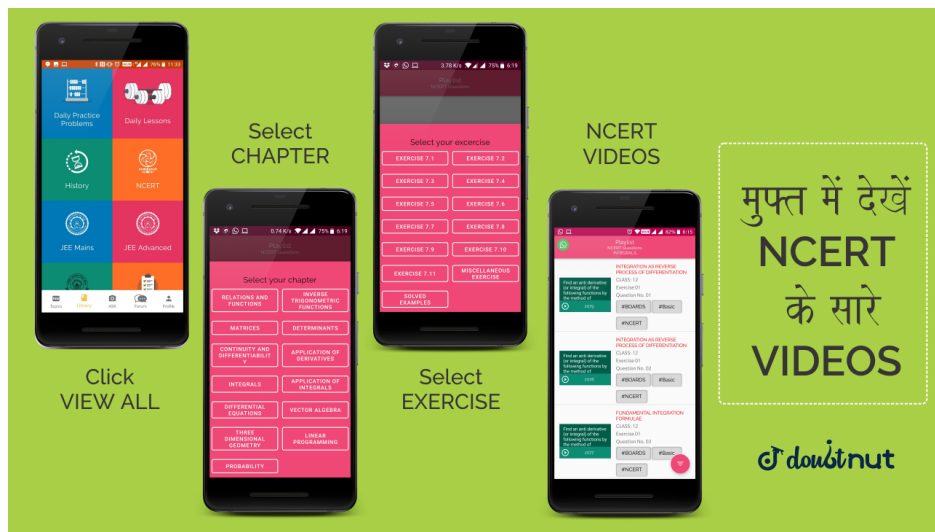| 12	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A sum was put at simple interest at a certain rate for 3 years. Had it been put at 2% higher rate, it would have fetched Rs 360 more. Find the sum. ▶ Watch Free Video Solution on Doubtnut
13	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** What annual instalment will discharge a debt of Rs 1092 due in 3 years at 12% simple interest? ▶ Watch Free Video Solution on Doubtnut
14	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Ashish borrowed a sum of money from a nationalised bank at 12% simple interest per annum and the same amount at 10% simple interest per annum both for the same period. He cleared the first loan 6 months before the scheduled date of repayment and repaid the second loan just at the end of the scheduled period. If in each case he had to pay Rs 3250 as amount then how much and for what time did he borrow? ▶ Watch Free Video Solution on Doubtnut
15	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A person lends out Rs 9000 on the condition that the loan is payable in 10 months by 10 monthly equal instalments of Rs 1000 each. Find the rate of simple interest charged. ▶ Watch Free Video Solution on Doubtnut

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16	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A farmer borrowed Rs 3600 at 15% simple interest per annum. At the end of 4 years, he cleared this account by paying Rs 4000 and a cow. The cost of the cow is (a) 1000 (b) 1200 (c) 1550 (d) 1760 ▶ Watch Free Video Solution on Doubtnut
17	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** At the rate of $8\frac{1}{2}\%$ p.a. simple interest, a sum of Rs 4800 will earn how much interest in 2 years 3 months? (a) Rs 796 (b) Rs 816 (c) Rs 918 (d) Rs 956 ▶ Watch Free Video Solution on Doubtnut
18	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** The simple interest on Rs 1820 from March 9, 2012 to May 21, 2012 at $7\frac{1}{2}\%$ rate will be (a) Rs 22.50 (b) Rs 27.30 (c) Rs 28.80 (d) Rs 29 ▶ Watch Free Video Solution on Doubtnut
19	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A shopkeeper with an overdraft facility at 18 percent with a bank borrowed Rs 15000 on Jan 8, 2011 and returned the money on June 3, 2011 so as to clear the debt. The amount that he paid was (a) Rs 16080 (b) 16280 (c) 16400 (d) None of these ▶ Watch Free Video Solution on Doubtnut

20	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A person borrows Rs 5000 for 2 years at 4% p.a. simple interest. He immediately lends it to another person at $6\frac{1}{4}\%$ p.a. for 2 years. Find his gain in the transaction per year. (a) Rs 112.50 (b) Rs 125 (c) Rs 150 (d) Rs 167.50 ▶ Watch Free Video Solution on Doubtnut
21	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Rs 1000 is invested at 5% per annum simple interest. If the interest is added to the principal after every 10 years, the amount will become Rs 2000 after (a) 15 years (b) $16\frac{2}{3}$ years (c) 18 years (d) 20 years ▶ Watch Free Video Solution on Doubtnut
22	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** If simple interest on Rs 600 for 4 years and on Rs 600 for 2 years combined together is Rs 180, find the rate of interest. (a) 4% (b) 5% (c) 5.5% (d) 6.25% ▶ Watch Free Video Solution on Doubtnut
23	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Veena obtained an amount of Rs 8376 as simple interest on a certain amount at 8 p.c.p.a. after 6 years. What is the amount invested by Veena? (a) Rs 16660 (b) Rs 17180 (c) Rs 17450 (d) Rs 18110 ▶ Watch Free Video Solution on Doubtnut

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24	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** At which sum the simple interest at the rate of $3\frac{3}{4}\%$ per annum will be Rs 210 in $2\frac{1}{3}$ years? (a) Rs 1580 (b) Rs 2400 (c) Rs 2800 (d) None of these ▶ Watch Free Video Solution on Doubtnut
25	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Rs 6200 amounts to Rs 9176 in 4 years at simple interest. If the interest rate is increased by 3%, it would amount to how much? (a) Rs 8432 (b) Rs 9820 (c) Rs 9920 (d) Rs 10920 ▶ Watch Free Video Solution on Doubtnut
26	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Simple interest on Rs 500 for 4 years at 6.25% per annum is equal to the simple interest on Rs 400 at 5% per annum for a certain period of time. The period of time is (a) 4 years (b) 5 years (c) $6\frac{1}{4}$ years (d) $8\frac{2}{3}$ years ▶ Watch Free Video Solution on Doubtnut
27	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Rs 6000 becomes Rs 7200 in 4 years at a certain rate of simple interest. If the rate becomes 1.5 times of itself, the amount of the same principal in 5 years will be (a) Rs 8000 (b) Rs 8250 (c) Rs 9000 (d) Rs 9250 ▶ Watch Free Video Solution on Doubtnut
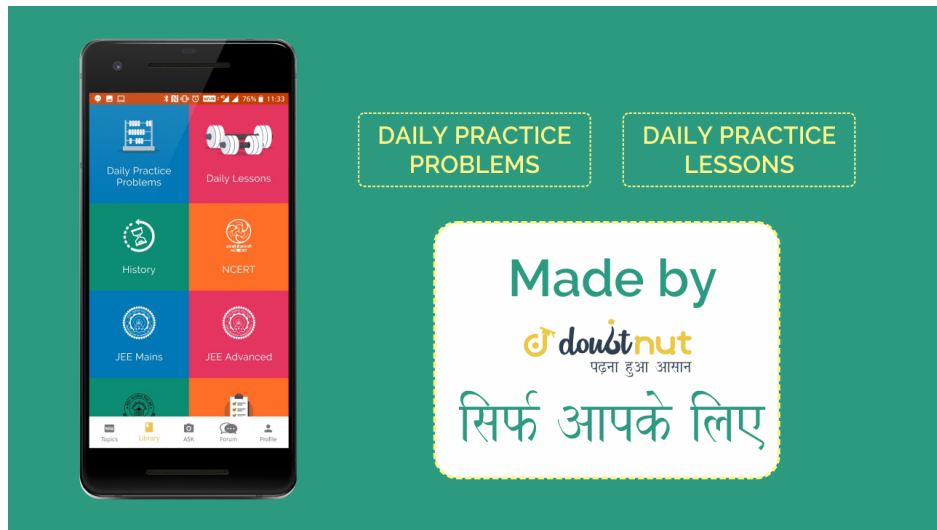
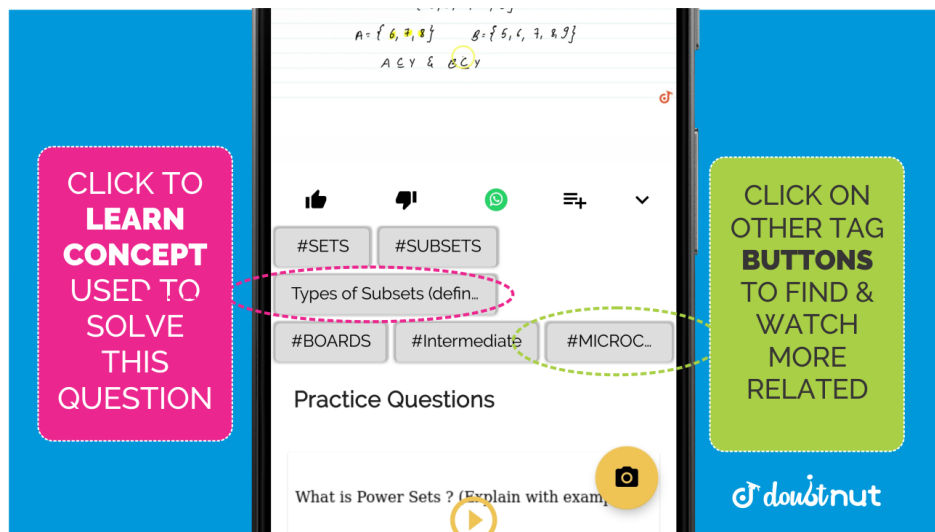| 28	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** If Rs 64 amounts to Rs 83.20 in 2 years, what will Rs 86 amount to in 4 years at the same rate percent per annum? (a) Rs 114.80 (b) Rs 124.70 (c) Rs 127.40 (d) Rs 137.60 ▶ Watch Free Video Solution on Doubtnut
29	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Kruti took a loan at simple interest rate of 6 p.c.p.a. in the first year and it increased by 1.5 p.c.p.a. every year. If she pays Rs 8190 as interest at the end of 3 years, what was her loan amount? (a) Rs 35400 (b) Rs 36000 (c) Rs 36800 (d) Cannot be determined (e) None of these ▶ Watch Free Video Solution on Doubtnut
30	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A sum of money lent out at simple interest amounts to Rs 720 after 2 years and to Rs 1020 after a further period of 5 years. The sum is (a) Rs 500 (b) Rs 600 (c) Rs 700 (d) Rs 710 ▶ Watch Free Video Solution on Doubtnut
31	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** In how many years will a sum of money double itself at 18.75% per annum simple interest? (a) 4 years 5 months (b) 5 years 4 months (c) 6 years 2 months (d) 6 years 5 months ▶ Watch Free Video Solution on Doubtnut

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32	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A person invested some amount at the rate of 12% simple interest and a certain amount at the rate of 10% simple interest. He received yearly interest of Rs 130. But if he had interchanged the amounts invested, he would have received Rs 4 more as interest. How much did he invest at 12% simple interest? (a) Rs 400 (b) Rs 500 (c) Rs 700 (d) Rs 800 ▶ Watch Free Video Solution on Doubtnut
33	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** The difference between the simple interest received from two different sources on Rs 1500 for 3 years is Rs 13.50. The difference between their rates of interest is (a) 0.1% (b) 0.2% (c) 0.3% (d) 0.4% (e) None of these ▶ Watch Free Video Solution on Doubtnut
34	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Peter invested an amount of Rs 12,000 at the rate of 10 p.c.p.a. simple interest and another amount at the rate of 20 p.c.p.a. simple interest. The total interest earned at the end of one year on the total amount invested became 14 p.c.p.a. Find the total amount invested. (a) Rs 20,000 (b) Rs 22,000 (c) Rs 24,000 (d) Rs 25,000 ▶ Watch Free Video Solution on Doubtnut
35	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** Vishwas borrowed a total amount of Rs 30000, part of it on simple interest rate of 12 p.c.p.a. and remaining on simple interest rate of 10 p.c.p.a. If at the end of 2 years he paid in all Rs 36480 to settle the loan amount, what was the amount borrowed at 12 p.c.p.a.? (a) Rs 12000 (b) Rs 16000 (c) Rs 17500 (d) Rs 18000 ▶ Watch Free Video Solution on Doubtnut
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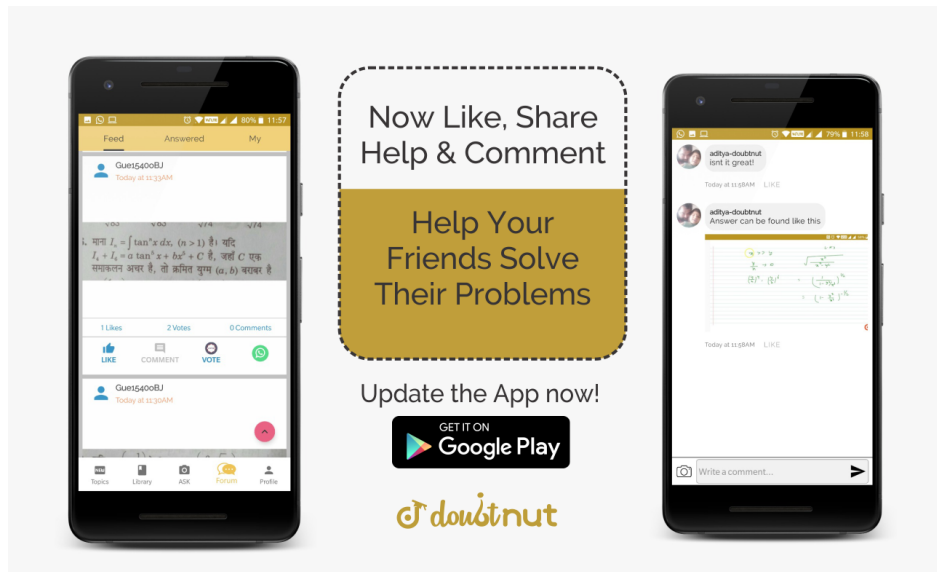
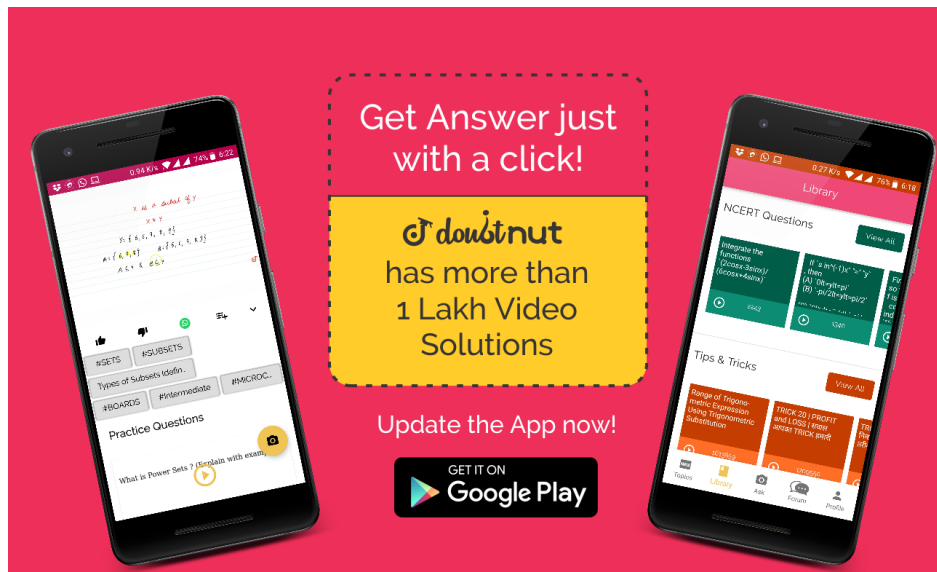| 36	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A sum of Rs 18750 is left by a will by a father to be divided between the two sons, 12 and 14 years of age, so that when they attain maturity at 18, the amount (principal + interest) received by each at 5 per cent simple interest will be the same. Find the sum alloted at present to each son. (a) Rs 9500, Rs 9250 (b) Rs 8000, Rs 1750 (c) Rs 9000, Rs 9750 (d) None of these ⊙ Watch Free Video Solution on Doubtnut
37	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A man lends Rs 10,000 in four parts. If he gets 8% on Rs 2000; $7\frac{1}{2}\%$ on Rs 4000 and $8\frac{1}{2}\%$ on Rs 1400; what percent must he get for the remainder, if his average annual interest is 8.13% (a) 7% (b) 9% (c) $9\frac{1}{4}\%$ (d) $10\frac{1}{2}\%$ ⊙ Watch Free Video Solution on Doubtnut
38	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** An amount of Rs 1,00,000 is invested in two types of shares. The first yields an interest of 9% p.a. and the second, 11% p.a. If the total interest at the end of one year is $9\frac{3}{4}\%$, then the amount invested in each share was (a) Rs 52,500; Rs 47,500 (b) Rs 62,500; Rs 37,500 (c) Rs 72,500; Rs 27,500 (d) Rs 82,500; Rs 17,500 ⊙ Watch Free Video Solution on Doubtnut
39	**IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST** A person invests money in three different schemes for 6 years, 10 years and 12 years at 10 percent, 12 percent and 15 percent simple interest respectively. At the completion of each scheme, he gets the same interest. The ratio of his investments is (a) 2:3:4 (b) 4:3:2 (c) 3:4:6 (d) 6:3:2 ⊙ Watch Free Video Solution on Doubtnut

IBPS CLERK EXAM SPECIAL - SIMPLE INTEREST

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A man invested $\frac{1}{3}$ of his capital at 7%; $\frac{1}{4}$ at 8% and the remainder at 10%. If his annual income is Rs 561, the capital is (a) Rs 5400 (b) Rs 6000 (c) Rs 6600 (d) Rs 7200

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