EduSahara™ Learning Center Assignment

Grade : Class X, ICSE
Chapter : Banking
Name : Banking

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1. The following are the details of the savings bank account of a person.

Calculate the interest up to the end of December 2019 , at 4 % per annum

Date	Particulars	Debit	Credit	Balance
16th May 2019	By Balance	-----	-----	₹1000.00
26th May 2019	By Cheque	-----	₹11000.00	₹12000.00
21st Jun 2019	To Self	₹5500.00	-----	₹6500.00
19th Jul 2019	By Cash	-----	₹2750.00	₹9250.00
26th Jul 2019	By Cheque	-----	₹2063.00	₹11313.00
9th Aug 2019	By Transfer	-----	₹2578.00	₹13891.00
21st Aug 2019	By Cash	-----	₹6446.00	₹20337.00
13th Sep 2019	By Cash	-----	₹4834.00	₹25171.00
12th Oct 2019	By Cash	-----	₹6043.00	₹31214.00
15th Nov 2019	To Self	₹15107.00	-----	₹16107.00
21st Dec 2019	To Cheque	₹3777.00	-----	₹12330.00

(i) ₹336.13 (ii) ₹322.13 (iii) ₹353.13 (iv) ₹321.13 (v) ₹352.13

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2. The following are the details of the savings bank account of a person.

Calculate the rate of interest, if the interest at the end of December 2019 is ₹68.15

Date	Particulars	Debit	Credit	Balance
11th May 2019	By Balance	-----	-----	₹1000.00
21st May 2019	By Transfer	-----	₹7000.00	₹8000.00
24th May 2019	By Transfer	-----	₹1750.00	₹9750.00
27th May 2019	To Cash	₹2188.00	-----	₹7562.00
2nd Jul 2019	To Cheque	₹3281.00	-----	₹4281.00
31st Jul 2019	By Clearing	-----	₹820.00	₹5101.00
2nd Sep 2019	By Transfer	-----	₹1025.00	₹6126.00
20th Sep 2019	To Self	₹2563.00	-----	₹3563.00
25th Oct 2019	To Cash	₹1282.00	-----	₹2281.00
4th Dec 2019	By Cash	-----	₹320.00	₹2601.00
31st Dec 2019	To Self	₹400.00	-----	₹2201.00

(i) 1.00% (ii) 4.00% (iii) 5.00% (iv) 3.00% (v) 2.00%

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3. In a Recurring Deposit Scheme, if principal = ₹800.00, rate of interest = 10.00% per annum and number of terms is 12 months, the maturity value =

(i) ₹8420.00 (ii) ₹11320.00 (iii) ₹11620.00 (iv) ₹8920.00 (v) ₹10120.00

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4. In a Recurring Deposit Scheme, if principal = ₹1700.00 , rate of interest = 2.00% per annum and maturity value ₹31084.50, the number of months =

(i) 18 (ii) 15 (iii) 13 (iv) 23 (v) 21

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5. In a Recurring Deposit Scheme, if principal = ₹1200.00 , maturity value = ₹22455.00 and number of terms is 18 months, the rate of interest per annum =

(i) 5.00% (ii) 4.00% (iii) 7.00% (iv) 6.00% (v) 3.00%

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6. In a Recurring Deposit Scheme, if maturity value = ₹51850.50 , rate of interest = 7.00% per annum and number of terms is 36 months, the principal =

(i) ₹1300.00 (ii) ₹1470.00 (iii) ₹1160.00 (iv) ₹1550.00

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7. A person deposited ₹1900.00 in a bank for 19 months under a Recurring Deposit Scheme. What will be the maturity value of his deposits, if the rate of interest is 4.00% per annum and interest is calculated at the end of each month.

(i) ₹39503.33 (ii) ₹37303.33 (iii) ₹34803.33 (iv) ₹36603.33 (v) ₹38703.33

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8. A person deposits ₹2000.00 per month under a Recurring Deposit Scheme, interest being calculated at the end of each month. If the rate of interest is 9.00% per annum and the person gets ₹20825.00 at the time of maturity, find the number of months for which the account was held.

(i) 15 (ii) 5 (iii) 13 (iv) 10 (v) 7

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9. A person deposited ₹1600.00 in a bank for 12 months under a Recurring Deposit Scheme. If the person received ₹19616.00 at the time of maturity, find the rate of interest per annum.

(i) 2.00% (ii) 6.00% (iii) 5.00% (iv) 4.00% (v) 3.00%

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10. A person deposits in a Recurring Deposit account for 12 months. If the rate of interest is 2.00% per annum and the bank pays ₹23047.00 on maturity, find how much he deposited each month

(i) ₹1770.00 (ii) ₹2060.00 (iii) ₹1900.00 (iv) ₹1780.00 (v) ₹1950.00

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11. The following are the details of the savings bank account of a person.

Calculate the interest up to the end of September 2019 , at 6 % per annum

Date	Particulars	Debit	Credit	Balance
14th Apr 2019	By Balance	-----	-----	₹1000.00
24th Apr 2019	By Clearing	-----	₹8000.00	₹9000.00
2nd May 2019	To Cash	₹2000.00	-----	₹7000.00
22nd May 2019	To Cash	₹3000.00	-----	₹4000.00
14th Jun 2019	By Transfer	-----	₹1500.00	₹5500.00
16th Jun 2019	To Cheque	₹2250.00	-----	₹3250.00
18th Jul 2019	To Cash	₹563.00	-----	₹2687.00
4th Aug 2019	By Cheque	-----	₹422.00	₹3109.00
12th Aug 2019	To Cash	₹527.00	-----	₹2582.00
16th Aug 2019	To Cash	₹791.00	-----	₹1791.00
8th Sep 2019	By Transfer	-----	₹396.00	₹2187.00

(i) ₹64.60 (ii) ₹72.60 (iii) ₹69.60 (iv) ₹74.60 (v) ₹66.60

12. The following are the details of the savings bank account of a person.

Calculate the rate of interest, if the interest at the end of November 2019 is ₹52.87

Date	Particulars	Debit	Credit	Balance
19th May 2019	By Balance	-----	-----	₹1000.00
29th May 2019	By Cash	-----	₹12000.00	₹13000.00
25th Jun 2019	By Cash	-----	₹3000.00	₹16000.00
3rd Jul 2019	To Cash	₹7500.00	-----	₹8500.00
24th Jul 2019	To Self	₹3750.00	-----	₹4750.00
15th Aug 2019	To Cash	₹1875.00	-----	₹2875.00
3rd Sep 2019	By Cash	-----	₹938.00	₹3813.00
26th Sep 2019	By Clearing	-----	₹1407.00	₹5220.00
30th Oct 2019	To Self	₹2110.00	-----	₹3110.00
8th Nov 2019	By Cheque	-----	₹1055.00	₹4165.00
22nd Nov 2019	By Cash	-----	₹1583.00	₹5748.00

(i) 3.00% (ii) 0.00% (iii) 2.00% (iv) 1.00% (v) 4.00%

13. In a Recurring Deposit Scheme, if principal = ₹500.00, rate of interest = 3.00% per annum and number of terms is 36 months, the maturity value =

(i) ₹20632.50 (ii) ₹19332.50 (iii) ₹17432.50 (iv) ₹18832.50 (v) ₹16532.50

14. In a Recurring Deposit Scheme, if principal = ₹1500.00 , rate of interest = 10.00% per annum and maturity value ₹9262.50, the number of months =

(i) 6 (ii) 5 (iii) 4 (iv) 7 (v) 8

15. In a Recurring Deposit Scheme, if principal = ₹1600.00 , maturity value = ₹9740.00 and number of terms is 6 months, the rate of interest per annum =

(i) 4.00% (ii) 7.00% (iii) 5.00% (iv) 6.00% (v) 3.00%

16. In a Recurring Deposit Scheme, if maturity value = ₹51129.00 , rate of interest = 6.00% per annum and number of terms is 36 months, the principal =

(i) ₹1170.00 (ii) ₹1360.00 (iii) ₹1230.00 (iv) ₹1300.00 (v) ₹1450.00

17. A person deposited ₹1400.00 in a bank for 21 months under a Recurring Deposit Scheme. What will be the maturity value of his deposits, if the rate of interest is 7.00% per annum and interest is calculated at the end of each month.

(i) ₹28786.50 (ii) ₹33686.50 (iii) ₹31286.50 (iv) ₹32986.50 (v) ₹29986.50

18. A person deposits ₹1300.00 per month under a Recurring Deposit Scheme, interest being calculated at the end of each month. If the rate of interest is 8.00% per annum and the person gets ₹43030.00 at the time of maturity, find the number of months for which the account was held.

(i) 27 (ii) 33 (iii) 35 (iv) 30 (v) 25

19. A person deposited ₹700.00 in a bank for 11 months under a Recurring Deposit Scheme. If the person received ₹8008.00 at the time of maturity, find the rate of interest per annum.

(i) 8.00% (ii) 9.00% (iii) 7.00% (iv) 10.00% (v) 6.00%

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20. A person deposits in a Recurring Deposit account for 16 months. If the rate of interest is 4.00% per annum and the bank pays ₹16453.33 on maturity, find how much he deposited each month

(i) ₹770.00 (ii) ₹1000.00 (iii) ₹1020.00 (iv) ₹1180.00 (v) ₹950.00

Assignment Key

1) (i)
2) (iv)
3) (v)
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7) (ii)
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9) (iv)
10) (iii)
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14) (i)
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17) (iii)
18) (iv)
19) (i)
20) (ii)