EduSahara™ Assignment

Name : Banking

Chapter : Banking

Grade : ICSE Grade X

1. The following are the details of the savings bank account of a person.
Calculate the interest up to the end of December 2024, at 4 % per annum

Date	Particulars	Debit	Credit	Balance
31st Jul 2024	By Balance	-----	-----	₹1000.00
10th Aug 2024	By Clearing	-----	₹2000.00	₹3000.00
28th Aug 2024	To Cash	₹500.00	-----	₹2500.00
7th Sep 2024	By Cash	-----	₹750.00	₹3250.00
10th Oct 2024	To Self	₹563.00	-----	₹2687.00
11th Oct 2024	By Transfer	-----	₹844.00	₹3531.00
7th Nov 2024	To Cash	₹1266.00	-----	₹2265.00
18th Nov 2024	To Cash	₹316.00	-----	₹1949.00
20th Nov 2024	By Clearing	-----	₹475.00	₹2424.00
18th Dec 2024	By Cheque	-----	₹712.00	₹3136.00
27th Dec 2024	By Cash	-----	₹1068.00	₹4204.00

(i) ₹45.70 (ii) ₹37.70 (iii) ₹42.70 (iv) ₹39.70 (v) ₹47.70

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 February 2025 is ₹71.88

Date	Particulars	Debit	Credit	Balance
25th Jul 2024	By Balance	-----	-----	₹1000.00
4th Aug 2024	By Transfer	-----	₹12000.00	₹13000.00
15th Aug 2024	By Cheque	-----	₹6000.00	₹19000.00
17th Sep 2024	To Cheque	₹9000.00	-----	₹10000.00
18th Oct 2024	To Cash	₹4500.00	-----	₹5500.00
14th Nov 2024	To Cash	₹1125.00	-----	₹4375.00
22nd Nov 2024	By Cash	-----	₹844.00	₹5219.00
17th Dec 2024	To Cash	₹2110.00	-----	₹3109.00
1st Jan 2025	To Cheque	₹527.00	-----	₹2582.00
1st Feb 2025	By Cash	-----	₹791.00	₹3373.00
7th Feb 2025	By Cash	-----	₹1187.00	₹4560.00

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

3. In a Recurring Deposit Scheme, if principal = ₹1000.00, rate of interest = 5.00% per annum and number of terms is 24 months, the maturity value =

(i) ₹26450.00 (ii) ₹23550.00 (iii) ₹25250.00 (iv) ₹22750.00 (v) ₹26850.00

4. In a Recurring Deposit Scheme, if principal = ₹1700.00 , rate of interest = 3.00% per annum and maturity value ₹42075.00, the number of months =

(i) 21 (ii) 24 (iii) 29 (iv) 19 (v) 27

5. In a Recurring Deposit Scheme, if principal = ₹1200.00 , maturity value = ₹23310.00 and number of terms is 18 months, the rate of interest per annum =

(i) 10.00% (ii) 5.00% (iii) 13.00% (iv) 7.00% (v) 15.00%

6. In a Recurring Deposit Scheme, if maturity value = ₹56270.00 , rate of interest = 8.00% per annum and number of terms is 30 months, the principal =

(i) ₹1700.00 (ii) ₹1530.00 (iii) ₹1840.00 (iv) ₹1520.00 (v) ₹1830.00

7. A person deposited ₹1500.00 in a bank for 17 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) ₹26565.00 (ii) ₹25065.00 (iii) ₹26265.00 (iv) ₹24765.00 (v) ₹28665.00

8. A person deposits ₹900.00 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 ₹12314.25 at the time of maturity, find the number of months for which the account was held.

(i) 18 (ii) 8 (iii) 10 (iv) 13 (v) 16

9. A person deposited ₹1700.00 in a bank for 25 months under a Recurring Deposit Scheme. If the person received ₹45262.50 at the time of maturity, find the rate of interest per annum.

(i) 6.00% (ii) 8.00% (iii) 7.00% (iv) 4.00% (v) 5.00%

10. A person deposits in a Recurring Deposit account for 15 months. If the rate of interest is 6.00% per annum and the bank pays ₹10920.00 on maturity, find how much he deposited each month

(i) ₹703.00 (ii) ₹694.00 (iii) ₹688.00 (iv) ₹722.00 (v) ₹700.00

11. The following are the details of the savings bank account of a person.
Calculate the interest up to the end of January 2025 , at 6 % per annum

Date	Particulars	Debit	Credit	Balance
19th Jul 2024	By Balance	-----	-----	₹1000.00
29th Jul 2024	By Cheque	-----	₹9000.00	₹10000.00
2nd Aug 2024	By Transfer	-----	₹4500.00	₹14500.00
30th Aug 2024	By Cash	-----	₹6750.00	₹21250.00
31st Aug 2024	By Transfer	-----	₹5063.00	₹26313.00
6th Oct 2024	By Transfer	-----	₹12657.00	₹38970.00
8th Nov 2024	To Cash	₹9493.00	-----	₹29477.00
1st Dec 2024	By Transfer	-----	₹7119.00	₹36596.00
18th Dec 2024	To Cash	₹8899.00	-----	₹27697.00
7th Jan 2025	By Cheque	-----	₹13349.00	₹41046.00
19th Jan 2025	To Cash	₹20023.00	-----	₹21023.00

(i) ₹764.90 (ii) ₹801.90 (iii) ₹789.90 (iv) ₹786.90

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 February 2025 is ₹18.15

Date	Particulars	Debit	Credit	Balance
7th Aug 2024	By Balance	-----	-----	₹1000.00
17th Aug 2024	By Cheque	-----	₹3000.00	₹4000.00
7th Sep 2024	To Cash	₹1500.00	-----	₹2500.00
7th Oct 2024	To Cheque	₹750.00	-----	₹1750.00
29th Oct 2024	By Clearing	-----	₹188.00	₹1938.00
3rd Dec 2024	To Self	₹235.00	-----	₹1703.00
4th Dec 2024	To Self	₹176.00	-----	₹1527.00
6th Dec 2024	To Self	₹264.00	-----	₹1263.00
31st Dec 2024	By Clearing	-----	₹66.00	₹1329.00
26th Jan 2025	To Cheque	₹82.00	-----	₹1247.00
8th Feb 2025	To Cheque	₹62.00	-----	₹1185.00

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

13. In a Recurring Deposit Scheme, if principal = ₹800.00, rate of interest = 4.00% per annum and number of terms is 36 months, the maturity value =

(i) ₹30576.00 (ii) ₹31776.00 (iii) ₹29876.00 (iv) ₹31376.00 (v) ₹27876.00

14. In a Recurring Deposit Scheme, if principal = ₹1200.00 , rate of interest = 4.00% per annum and maturity value ₹45864.00, the number of months =

(i) 31 (ii) 33 (iii) 41 (iv) 39 (v) 36

15. In a Recurring Deposit Scheme, if principal = ₹1200.00 , maturity value = ₹44532.00 and number of terms is 36 months, the rate of interest per annum =

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

16. In a Recurring Deposit Scheme, if maturity value = ₹3043.75 , rate of interest = 5.00% per annum and number of terms is 6 months, the principal =

(i) ₹502.00 (ii) ₹513.00 (iii) ₹476.00 (iv) ₹493.00 (v) ₹500.00

17. A person deposited ₹1200.00 in a bank for 20 months under a Recurring Deposit Scheme. What will be the maturity value of his deposits, if the rate of interest is 5.00% per annum and interest is calculated at the end of each month.

(i) ₹25050.00 (ii) ₹26250.00 (iii) ₹23550.00 (iv) ₹27450.00 (v) ₹22250.00

18. A person deposits ₹1000.00 per month under a Recurring Deposit Scheme, interest being calculated at the end of each month. If the rate of interest is 6.00% per annum and the person gets ₹21050.00 at the time of maturity, find the number of months for which the account was held.

(i) 25 (ii) 20 (iii) 23 (iv) 15 (v) 17

19. A person deposited ₹1900.00 in a bank for 19 months under a Recurring Deposit Scheme. If the person received ₹36701.67 at the time of maturity, find the rate of interest per annum.

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

20. A person deposits in a Recurring Deposit account for 10 months. If the rate of interest is 5.00% per annum and the bank pays ₹17389.58 on maturity, find how much he deposited each month

(i) ₹1970.00 (ii) ₹1550.00 (iii) ₹1700.00 (iv) ₹1740.00 (v) ₹1520.00

Assignment Key

1) (iii)	2) (iv)	3) (iii)	4) (ii)	5) (i)	6) (i)
7) (iii)	8) (iv)	9) (i)	10) (v)	11) (iii)	12) (i)
13) (i)	14) (v)	15) (ii)	16) (v)	17) (i)	18) (ii)
19) (ii)	20) (iii)				