Name: Chapter Based Worksheet

Chapter : Banking

Grade: ICSE Grade X

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The following are the details of the savings bank account of a person. Calculate the interest up to the end of August 2025, at 4% per annum

	Date	Particulars	Debit	Credit	Balance
	23rd Nov 2024	By Balance			₹1000.00
	3rd Dec 2024	By Cheque		₹14000.00	₹15000.00
	12th Jan 2025	To Self	₹7000.00		₹8000.00
1.	21st Feb 2025	To Self	₹3500.00		₹4500.00
1.	17th Mar 2025	To Self	₹1750.00		₹2750.00
	29th Mar 2025	To Cheque	₹875.00		₹1875.00
	2nd May 2025	By Transfer		₹438.00	₹2313.00
	25th May 2025	By Cash		₹328.00	₹2641.00
	22nd Jun 2025	By Cash		₹821.00	₹3462.00
	18th Jul 2025	To Cheque	₹1231.00		₹2231.00
	7th Aug 2025	By Clearing		₹308.00	₹2539.00

- (i) ₹139.60 (ii) ₹119.60 (iii) ₹136.60 (iv) ₹151.60 (v) ₹122.60
- In a Recurring Deposit Scheme, if principal = ₹1700.00, maturity value = ₹44625.00 and number of terms is 24 months, the rate of interest per annum =
 - (i) 10.00% (ii) 7.00% (iii) 9.00% (iv) 11.00% (v) 8.00%

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 April 2025 is ₹260.15

	Date	Particulars	Debit	Credit	Balance
	30th Nov 2024	By Balance			₹1000.00
	10th Dec 2024	By Clearing		₹12000.00	₹13000.00
	12th Dec 2024	By Transfer		₹6000.00	₹19000.00
2	14th Jan 2025	By Cheque		₹9000.00	₹28000.00
3.	28th Jan 2025	To Cash	₹13500.00		₹14500.00
	9th Feb 2025	To Cash	₹3375.00		₹11125.00
	13th Feb 2025	To Self	₹2531.00		₹8594.00
	9th Mar 2025	By Cash		₹1899.00	₹10493.00
	16th Mar 2025	By Clearing		₹2373.00	₹12866.00
	8th Apr 2025	To Cheque	₹2967.00		₹9899.00
	18th Apr 2025	To Cash	₹4450.00		₹5449.00

- (i) 4.00% (ii) 5.00% (iii) 8.00% (iv) 6.00% (v) 7.00%
- 4. A person deposited ₹1400.00 in a bank for 23 months under a Recurring Deposit Scheme. If the person received ₹33810.00 at the time of maturity, find the rate of interest per annum.
 - (i) 6.00% (ii) 3.00% (iii) 4.00% (iv) 7.00% (v) 5.00%
- A person deposits in a Recurring Deposit account for 15 months. If the rate of interest is 7.00% per annum and the bank pays ₹10990.00 on maturity, find how much he deposited each month
 - (i) ₹712.00 (ii) ₹674.00 (iii) ₹694.00 (iv) ₹715.00 (v) ₹700.00

- A person deposited ₹1500.00 in a bank for 14 months under a Recurring Deposit Scheme. What will be the 6. 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) ₹19956.25 (ii) ₹24156.25 (iii) ₹21656.25 (iv) ₹20856.25 (v) ₹23456.25

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 May 2025 is ₹68.48

	Date	Particulars	Debit	Credit	Balance
	27th Nov 2024	By Balance			₹1000.00
	7th Dec 2024	By Transfer		₹3000.00	₹4000.00
	17th Dec 2024	By Clearing		₹750.00	₹4750.00
7	25th Dec 2024	To Cheque	₹938.00		₹3812.00
7.	25th Jan 2025	By Cheque		₹1406.00	₹5218.00
	3rd Feb 2025	By Transfer		₹2109.00	₹7327.00
	5th Mar 2025	By Transfer		₹3164.00	₹10491.00
	27th Mar 2025	To Cheque	₹2373.00		₹8118.00
	20th Apr 2025	By Cheque		₹1780.00	₹9898.00
	14th May 2025	By Cheque		₹4449.00	₹14347.00
	15th May 2025	By Cash		₹3337.00	₹17684.00

- (i) 3.00% (ii) 2.00% (iii) 1.00% (iv) 0.00% (v) 4.00%
- 8. In a Recurring Deposit Scheme, if maturity value = \$24650.00, rate of interest = 5.00% per annum and number of terms is 12 months, the principal =
 - (i) ₹1970.00 (ii) ₹1780.00 (iii) ₹2000.00 (iv) ₹2130.00 (v) ₹2250.00
- 9. In a Recurring Deposit Scheme, if principal = ₹1400.00, rate of interest = 9.00% per annum and number of terms is 24 months, the maturity value =
 - (i) 38250.00 (ii) 35050.00 (iii) 36750.00 (iv) 36450.00 (v) 38550.00
- 10. In a Recurring Deposit Scheme, if principal = ₹800.00 , rate of interest = 3.00% per annum and maturity value ₹9756.00, the number of months =
 - (i) 9 (ii) 12 (iii) 7 (iv) 15 (v) 17
- In a Recurring Deposit Scheme, if principal = ₹600.00 , maturity value = ₹23265.00 and number of terms is 36 months, the rate of interest per annum =
 - (i) 6.00% (ii) 4.00% (iii) 5.00% (iv) 7.00% (v) 3.00%
- In a Recurring Deposit Scheme, if maturity value = ₹26170.00 , rate of interest = 7.00% per annum and number of terms is 30 months, the principal =
 - (i) ₹812.00 (ii) ₹793.00 (iii) ₹800.00 (iv) ₹828.00 (v) ₹786.00
- 13. A person deposits in a Recurring Deposit account for 21 months. If the rate of interest is 5.00% per annum and the bank pays ₹13177.50 on maturity, find how much he deposited each month
 - (i) ₹626.00 (ii) ₹577.00 (iii) ₹582.00 (iv) ₹617.00 (v) ₹600.00
- A person deposits ₹1400.00 per month under a Recurring Deposit Scheme, interest being calculated at the end 14. of each month. If the rate of interest is 3.00% per annum and the person gets ₹34650.00 at the time of maturity, find the number of months for which the account was held.
 - (i) 19 (ii) 27 (iii) 24 (iv) 29 (v) 21

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 April 2025 is ₹42.75

	Date	Particulars	Debit	Credit	Balance
	4th Nov 2024	By Balance			₹1000.00
	14th Nov 2024	By Cheque		₹6000.00	₹7000.00
	8th Dec 2024	To Cheque	₹1500.00		₹5500.00
_	4th Jan 2025	By Clearing		₹1125.00	₹6625.00
5.	30th Jan 2025	To Self	₹2813.00		₹3812.00
	7th Feb 2025	By Cash		₹703.00	₹4515.00
	15th Feb 2025	To Cash	₹879.00		₹3636.00
	18th Feb 2025	To Self	₹1318.00		₹2318.00
	24th Mar 2025	To Self	₹330.00		₹1988.00
	29th Mar 2025	By Cheque		₹494.00	₹2482.00
	23rd Apr 2025	By Transfer		₹741.00	₹3223.00

- (i) 3.00% (ii) 4.00% (iii) 2.00% (iv) 1.00% (v) 5.00%
- A person deposits ₹600.00 per month under a Recurring Deposit Scheme, interest being calculated at the end of 16. each month. If the rate of interest is 4.00% per annum and the person gets ₹11142.00 at the time of maturity, find the number of months for which the account was held.
 - (i) 15 (ii) 23 (iii) 21 (iv) 13 (v) 18
- A person deposited ₹1500.00 in a bank for 10 months under a Recurring Deposit Scheme. What will be the 17. maturity value of his deposits, if the rate of interest is 2.00% per annum and interest is calculated at the end of each month.
 - (i) ₹13837.50 (ii) ₹16337.50 (iii) ₹15137.50 (iv) ₹12737.50 (v) ₹16637.50
- A person deposits ₹2000.00 per month under a Recurring Deposit Scheme, interest being calculated at the end 18. of each month. If the rate of interest is 5.00% per annum and the person gets ₹43925.00 at the time of maturity, find the number of months for which the account was held.
 - (i) 26 (ii) 24 (iii) 21 (iv) 16 (v) 18

The following are the details of the savings bank account of a person. Calculate the interest up to the end of April 2025, at 2% per annum

Date	Particulars	Debit	Credit	Balance
21st Nov 2024	By Balance			₹1000.00
1st Dec 2024	By Transfer		₹10000.00	₹11000.00
23rd Dec 2024	By Clearing		₹2500.00	₹13500.00
15th Jan 2025	To Self	₹6250.00		₹7250.00
17th Jan 2025	To Self	₹3125.00		₹4125.00
1st Feb 2025	By Cheque		₹1563.00	₹5688.00
20th Feb 2025	To Self	₹1172.00		₹4516.00
12th Mar 2025	By Cheque		₹879.00	₹5395.00
30th Mar 2025	By Transfer		₹1099.00	₹6494.00
12th Apr 2025	To Self	₹1374.00		₹5120.00
16th Apr 2025	To Cash	₹1030.00		₹4090.00

- (i) ₹52.10 (ii) ₹44.10 (iii) ₹42.10 (iv) ₹47.10 (v) ₹50.10
- 20. A person deposited ₹1700.00 in a bank for 24 months under a Recurring Deposit Scheme. If the person received ₹42925.00 at the time of maturity, find the rate of interest per annum.
 - (i) 7.00% (ii) 4.00% (iii) 3.00% (iv) 5.00% (v) 6.00%

15

19.

- A person deposits in a Recurring Deposit account for 18 months. If the rate of interest is 7.00% per annum and the bank pays ₹24696.75 on maturity, find how much he deposited each month
 - (i) ₹1460.00 (ii) ₹1030.00 (iii) ₹1300.00 (iv) ₹1230.00 (v) ₹1380.00
- A person deposited ₹700.00 in a bank for 15 months under a Recurring Deposit Scheme. What will be the 22. 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) ₹10780.00 (ii) ₹8980.00 (iii) ₹13280.00 (iv) ₹11080.00 (v) ₹8580.00
- In a Recurring Deposit Scheme, if principal = ₹800.00, rate of interest = 3.00% per annum and number of terms is 6 months, the maturity value =
 - (i) ₹5092.00 (ii) ₹4812.00 (iii) ₹4842.00 (iv) ₹4562.00 (v) ₹4902.00
- A person deposited ₹1300.00 in a bank for 18 months under a Recurring Deposit Scheme. If the person received ₹25067.25 at the time of maturity, find the rate of interest per annum.
 - (i) 9.00% (ii) 8.00% (iii) 11.00% (iv) 10.00% (v) 7.00%
- In a Recurring Deposit Scheme, if principal = \$1500.00, rate of interest = 6.00% per annum and maturity value \$28282.50, the number of months =
 - (i) 13 (ii) 18 (iii) 21 (iv) 15 (v) 23

Assignment Key					
1) (iii)	2) (iii)	3) (iv)	4) (v)	5) (v)	6) (iii)
7) (ii)	8) (iii)	9) (iii)	10) (ii)	11) (iii)	12) (iii)
13) (v)	14) (iii)	15) (i)	16) (v)	17) (iii)	18) (iii)
19) (iv)	20) (iv)	21) (iii)	22) (i)	23) (iii)	24) (i)
25) (ii)					

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