EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Banking

Grade : ICSE Grade X

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1. A person deposits ₹1500.00 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 ₹17160.00 at the time of maturity, find the number of months for which the account was held.

(i) 11 (ii) 16 (iii) 8 (iv) 6 (v) 14

2. A person deposited ₹1800.00 in a bank for 29 months under a Recurring Deposit Scheme. What will be the maturity value of his deposits, if the rate of interest is 10.00% per annum and interest is calculated at the end of each month.

(i) ₹58725.00 (ii) ₹58125.00 (iii) ₹57325.00 (iv) ₹59925.00 (v) ₹59225.00

3. A person deposits in a Recurring Deposit account for 23 months. If the rate of interest is 9.00% per annum and the bank pays ₹50140.00 on maturity, find how much he deposited each month

(i) ₹1860.00 (ii) ₹2120.00 (iii) ₹1740.00 (iv) ₹2000.00

4. The following are the details of the savings bank account of a person.
Calculate the interest up to the end of April 2025, at 3% per annum

Date	Particulars	Debit	Credit	Balance
15th Oct 2024	By Balance	-----	-----	₹1000.00
25th Oct 2024	By Clearing	-----	₹2000.00	₹3000.00
1st Nov 2024	To Self	₹500.00	-----	₹2500.00
25th Nov 2024	To Self	₹750.00	-----	₹1750.00
3rd Jan 2025	To Cheque	₹375.00	-----	₹1375.00
11th Feb 2025	By Clearing	-----	₹188.00	₹1563.00
13th Mar 2025	To Cash	₹282.00	-----	₹1281.00
2nd Apr 2025	By Cheque	-----	₹141.00	₹1422.00
5th Apr 2025	By Clearing	-----	₹211.00	₹1633.00
9th Apr 2025	By Clearing	-----	₹158.00	₹1791.00
27th Apr 2025	To Cash	₹396.00	-----	₹1395.00

(i) ₹25.35 (ii) ₹19.35 (iii) ₹27.35 (iv) ₹22.35 (v) ₹17.35

5. In a Recurring Deposit Scheme, if principal = ₹1200.00, rate of interest = 2.00% per annum and number of terms is 12 months, the maturity value =

(i) ₹15856.00 (ii) ₹14556.00 (iii) ₹11756.00 (iv) ₹13156.00 (v) ₹15956.00

6. In a Recurring Deposit Scheme, if principal = ₹900.00 , rate of interest = 5.00% per annum and maturity value ₹16841.25, the number of months =

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

7. In a Recurring Deposit Scheme, if principal = ₹2000.00 , maturity value = ₹37995.00 and number of terms is 18 months, the rate of interest per annum =

(i) 8.00% (ii) 6.00% (iii) 5.00% (iv) 7.00% (v) 9.00%

8. A person deposits in a Recurring Deposit account for 28 months. If the rate of interest is 8.00% per annum and the bank pays ₹39918.67 on maturity, find how much he deposited each month

(i) ₹1300.00 (ii) ₹1030.00 (iii) ₹1530.00 (iv) ₹1160.00 (v) ₹1350.00

9. 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 ₹151.50

Date	Particulars	Debit	Credit	Balance
13th Oct 2024	By Balance	-----	-----	₹1000.00
23rd Oct 2024	By Cash	-----	₹4000.00	₹5000.00
7th Nov 2024	By Cheque	-----	₹2000.00	₹7000.00
4th Dec 2024	By Cheque	-----	₹1500.00	₹8500.00
30th Dec 2024	By Cheque	-----	₹3750.00	₹12250.00
30th Jan 2025	To Cheque	₹5625.00	-----	₹6625.00
22nd Feb 2025	To Cheque	₹2813.00	-----	₹3812.00
25th Feb 2025	To Cash	₹703.00	-----	₹3109.00
15th Mar 2025	To Cash	₹527.00	-----	₹2582.00
9th Apr 2025	By Clearing	-----	₹396.00	₹2978.00
10th Apr 2025	To Self	₹495.00	-----	₹2483.00

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

10. In a Recurring Deposit Scheme, if maturity value = ₹33939.00 , rate of interest = 6.00% per annum and number of terms is 18 months, the principal =

(i) ₹1800.00 (ii) ₹1950.00 (iii) ₹1660.00 (iv) ₹1930.00 (v) ₹1520.00

11. In a Recurring Deposit Scheme, if principal = ₹1300.00 , rate of interest = 3.00% per annum and maturity value ₹32175.00, the number of months =

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

12. A person deposited ₹600.00 in a bank for 25 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) ₹17050.00 (ii) ₹18450.00 (iii) ₹15150.00 (iv) ₹14250.00 (v) ₹15650.00

13. In a Recurring Deposit Scheme, if principal = ₹900.00, rate of interest = 7.00% per annum and number of terms is 30 months, the maturity value =

(i) ₹29441.25 (ii) ₹31041.25 (iii) ₹26941.25 (iv) ₹30741.25 (v) ₹27741.25

14. In a Recurring Deposit Scheme, if principal = ₹1600.00, rate of interest = 6.00% per annum and number of terms is 18 months, the maturity value =

(i) ₹27468.00 (ii) ₹31568.00 (iii) ₹31668.00 (iv) ₹28868.00 (v) ₹30168.00

15. A person deposited ₹500.00 in a bank for 22 months under a Recurring Deposit Scheme. If the person received ₹11210.83 at the time of maturity, find the rate of interest per annum.

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

16. A person deposits ₹1900.00 per month under a Recurring Deposit Scheme, interest being calculated at the end of each month. If the rate of interest is 3.00% per annum and the person gets ₹21213.50 at the time of maturity, find the number of months for which the account was held.

(i) 14 (ii) 8 (iii) 16 (iv) 11 (v) 6

17. A person deposits ₹1200.00 per month under a Recurring Deposit Scheme, interest being calculated at the end of each month. If the rate of interest is 5.00% per annum and the person gets ₹16055.00 at the time of maturity, find the number of months for which the account was held.

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

18. In a Recurring Deposit Scheme, if maturity value = ₹35824.50 , rate of interest = 6.00% per annum and number of terms is 18 months, the principal =

(i) ₹1770.00 (ii) ₹1900.00 (iii) ₹1840.00 (iv) ₹2040.00 (v) ₹2020.00

19. In a Recurring Deposit Scheme, if principal = ₹1000.00 , rate of interest = 5.00% per annum and maturity value ₹12325.00, the number of months =

(i) 15 (ii) 7 (iii) 17 (iv) 9 (v) 12

20. In a Recurring Deposit Scheme, if principal = ₹1300.00 , maturity value = ₹23955.75 and number of terms is 18 months, the rate of interest per annum =

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

21. A person deposited ₹1400.00 in a bank for 30 months under a Recurring Deposit Scheme. If the person received ₹46882.50 at the time of maturity, find the rate of interest per annum.

(i) 11.00% (ii) 10.00% (iii) 7.00% (iv) 9.00% (v) 8.00%

22. A person deposited ₹500.00 in a bank for 22 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) ₹12037.92 (ii) ₹11737.92 (iii) ₹10237.92 (iv) ₹12937.92 (v) ₹10037.92

23. The following are the details of the savings bank account of a person.
Calculate the interest up to the end of March 2025, at 5% per annum

Date	Particulars	Debit	Credit	Balance
30th Sep 2024	By Balance	-----	-----	₹1000.00
10th Oct 2024	By Cheque	-----	₹7000.00	₹8000.00
8th Nov 2024	To Self	₹3500.00	-----	₹4500.00
11th Nov 2024	To Cash	₹1750.00	-----	₹2750.00
3rd Dec 2024	By Clearing	-----	₹438.00	₹3188.00
9th Dec 2024	By Transfer	-----	₹1094.00	₹4282.00
10th Dec 2024	To Cheque	₹821.00	-----	₹3461.00
16th Jan 2025	By Clearing	-----	₹615.00	₹4076.00
29th Jan 2025	To Cheque	₹769.00	-----	₹3307.00
6th Mar 2025	To Cash	₹1154.00	-----	₹2153.00
27th Mar 2025	By Cheque	-----	₹288.00	₹2441.00

(i) ₹98.75 (ii) ₹92.75 (iii) ₹90.75 (iv) ₹100.75 (v) ₹95.75

24. 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 ₹309.87

Date	Particulars	Debit	Credit	Balance
7th Oct 2024	By Balance	-----	-----	₹1000.00
17th Oct 2024	By Clearing	-----	₹8000.00	₹9000.00
3rd Nov 2024	By Transfer	-----	₹2000.00	₹11000.00
27th Nov 2024	By Transfer	-----	₹2500.00	₹13500.00
25th Dec 2024	To Cheque	₹3125.00	-----	₹10375.00
31st Dec 2024	By Clearing	-----	₹4688.00	₹15063.00
8th Jan 2025	By Cheque	-----	₹7032.00	₹22095.00
7th Feb 2025	To Cheque	₹5274.00	-----	₹16821.00
5th Mar 2025	By Cash	-----	₹3955.00	₹20776.00
26th Mar 2025	To Self	₹4944.00	-----	₹15832.00
25th Apr 2025	By Transfer	-----	₹3708.00	₹19540.00

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

25. A person deposited ₹1400.00 in a bank for 27 months under a Recurring Deposit Scheme. If the person received ₹40446.00 at the time of maturity, find the rate of interest per annum.

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

Assignment Key

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