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 March 2025, at 4% per annum

Date	Particulars	Debit	Credit	Balance
24th Sep 2024	By Balance	-----	-----	₹1000.00
4th Oct 2024	By Cheque	-----	₹8000.00	₹9000.00
20th Oct 2024	To Cash	₹2000.00	-----	₹7000.00
6th Nov 2024	To Cash	₹3000.00	-----	₹4000.00
10th Nov 2024	To Cheque	₹1500.00	-----	₹2500.00
21st Nov 2024	By Clearing	-----	₹375.00	₹2875.00
31st Dec 2024	By Cash	-----	₹469.00	₹3344.00
20th Jan 2025	To Cash	₹586.00	-----	₹2758.00
1st Feb 2025	By Clearing	-----	₹879.00	₹3637.00
10th Mar 2025	By Clearing	-----	₹659.00	₹4296.00
21st Mar 2025	To Cash	₹1648.00	-----	₹2648.00

(i) ₹74.43 (ii) ₹71.43 (iii) ₹68.43 (iv) ₹76.43 (v) ₹66.43

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 ₹108.04

Date	Particulars	Debit	Credit	Balance
20th Sep 2024	By Balance	-----	-----	₹1000.00
30th Sep 2024	By Transfer	-----	₹8000.00	₹9000.00
21st Oct 2024	To Self	₹2000.00	-----	₹7000.00
9th Nov 2024	To Cheque	₹3000.00	-----	₹4000.00
7th Dec 2024	By Transfer	-----	₹1500.00	₹5500.00
6th Jan 2025	By Transfer	-----	₹2250.00	₹7750.00
25th Jan 2025	To Cash	₹1688.00	-----	₹6062.00
4th Feb 2025	To Cash	₹2531.00	-----	₹3531.00
10th Feb 2025	By Cheque	-----	₹1266.00	₹4797.00
18th Feb 2025	By Cash	-----	₹949.00	₹5746.00
22nd Feb 2025	To Cheque	₹2373.00	-----	₹3373.00

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

3. 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) ₹5122.00 (ii) ₹4842.00 (iii) ₹4992.00 (iv) ₹4662.00 (v) ₹4812.00

4. In a Recurring Deposit Scheme, if principal = ₹600.00 , rate of interest = 8.00% per annum and maturity value ₹15600.00, the number of months =

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

5. In a Recurring Deposit Scheme, if principal = ₹1500.00 , maturity value = ₹46162.50 and number of terms is 30 months, the rate of interest per annum =

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

6. In a Recurring Deposit Scheme, if maturity value = ₹22275.00 , rate of interest = 3.00% per annum and number of terms is 24 months, the principal =

(i) ₹900.00 (ii) ₹882.00 (iii) ₹904.00 (iv) ₹883.00 (v) ₹924.00

7. A person deposited ₹1800.00 in a bank for 24 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) ₹44850.00 (ii) ₹48650.00 (iii) ₹47950.00 (iv) ₹43950.00 (v) ₹46350.00

8. A person deposits ₹1400.00 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 ₹33166.00 at the time of maturity, find the number of months for which the account was held.

(i) 28 (ii) 18 (iii) 20 (iv) 26 (v) 23

9. A person deposited ₹1600.00 in a bank for 12 months under a Recurring Deposit Scheme. If the person received ₹20032.00 at the time of maturity, find the rate of interest per annum.

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

10. A person deposits in a Recurring Deposit account for 25 months. If the rate of interest is 5.00% per annum and the bank pays ₹13177.08 on maturity, find how much he deposited each month

(i) ₹474.00 (ii) ₹516.00 (iii) ₹507.00 (iv) ₹492.00 (v) ₹500.00

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

Date	Particulars	Debit	Credit	Balance
15th Sep 2024	By Balance	-----	-----	₹1000.00
25th Sep 2024	By Transfer	-----	₹4000.00	₹5000.00
19th Oct 2024	To Cash	₹2000.00	-----	₹3000.00
17th Nov 2024	To Cash	₹500.00	-----	₹2500.00
23rd Dec 2024	By Cash	-----	₹750.00	₹3250.00
13th Jan 2025	To Self	₹563.00	-----	₹2687.00
11th Feb 2025	By Clearing	-----	₹422.00	₹3109.00
15th Mar 2025	By Transfer	-----	₹527.00	₹3636.00
31st Mar 2025	To Cash	₹1318.00	-----	₹2318.00
29th Apr 2025	To Cash	₹330.00	-----	₹1988.00
19th May 2025	To Cash	₹494.00	-----	₹1494.00

(i) ₹98.90 (ii) ₹100.90 (iii) ₹92.90 (iv) ₹90.90 (v) ₹95.90

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 April 2025 is ₹205.12

Date	Particulars	Debit	Credit	Balance
25th Sep 2024	By Balance	-----	-----	₹1000.00
5th Oct 2024	By Transfer	-----	₹14000.00	₹15000.00
6th Nov 2024	To Cash	₹3500.00	-----	₹11500.00
16th Dec 2024	To Cheque	₹2625.00	-----	₹8875.00
2nd Jan 2025	To Cash	₹3938.00	-----	₹4937.00
17th Jan 2025	To Self	₹984.00	-----	₹3953.00
18th Jan 2025	By Cash	-----	₹1477.00	₹5430.00
24th Feb 2025	To Cheque	₹2215.00	-----	₹3215.00
26th Feb 2025	By Transfer	-----	₹554.00	₹3769.00
20th Mar 2025	To Cash	₹692.00	-----	₹3077.00
7th Apr 2025	By Transfer	-----	₹519.00	₹3596.00

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

13. In a Recurring Deposit Scheme, if principal = ₹1300.00, rate of interest = 5.00% per annum and number of terms is 18 months, the maturity value =

(i) ₹26826.25 (ii) ₹25726.25 (iii) ₹22526.25 (iv) ₹23026.25 (v) ₹24326.25

14. In a Recurring Deposit Scheme, if principal = ₹700.00 , rate of interest = 4.00% per annum and maturity value ₹26754.00, the number of months =

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

15. In a Recurring Deposit Scheme, if principal = ₹1100.00 , maturity value = ₹37262.50 and number of terms is 30 months, the rate of interest per annum =

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

16. In a Recurring Deposit Scheme, if maturity value = ₹35000.00 , rate of interest = 4.00% per annum and number of terms is 24 months, the principal =

(i) ₹1400.00 (ii) ₹1670.00 (iii) ₹1440.00 (iv) ₹1220.00

17. A person deposited ₹1200.00 in a bank for 15 months under a Recurring Deposit Scheme. What will be the maturity value of his deposits, if the rate of interest is 9.00% per annum and interest is calculated at the end of each month.

(i) ₹16880.00 (ii) ₹19080.00 (iii) ₹20780.00 (iv) ₹20880.00 (v) ₹18680.00

18. A person deposits ₹1400.00 per month under a Recurring Deposit Scheme, interest being calculated at the end of each month. If the rate of interest is 4.00% per annum and the person gets ₹18624.67 at the time of maturity, find the number of months for which the account was held.

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

19. A person deposited ₹800.00 in a bank for 24 months under a Recurring Deposit Scheme. If the person received ₹20400.00 at the time of maturity, find the rate of interest per annum.

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

20. A person deposits in a Recurring Deposit account for 14 months. If the rate of interest is 9.00% per annum and the bank pays ₹8872.50 on maturity, find how much he deposited each month

(i) ₹616.00 (ii) ₹600.00 (iii) ₹585.00 (iv) ₹623.00 (v) ₹587.00

Assignment Key

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