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***ASSIGNMENT NO. 03***

**FALL - 2023**

**DATE : 23/12/2023 SUBMISSION : 30/12/2023**

**Q. 1 (CASH BOOK)**

During the month of March, 2018 following transactions were completed by the Ali Traders.

**March**

1. Opening balance: Cash in hand Rs. 18,900

Cash at bank Rs. 25,400

2. Paid to Ameen by cheque Rs. 5,300

5. Sold goods for cash Rs. 17,900

8. Received cheque from Kamran and deposited in bank Rs. 19,700

11. Bought goods for cash Rs. 6,500

12. Sold goods for cash Rs. 22,900

15. Paid cheque for telephone bill Rs. 4,900

16. Withdrew from bank for personal use Rs. 2,550

17. Withdrew cash from bank Rs. 1000

18. Deposited cash in bank Rs. 5,800

22. Paid cheque for furniture paid Rs. 5,800

24. Received cheque from Zahid and deposited in bank Rs. 17,900

29. Paid salaries in cash Rs. 5,350

31. Paid cheque for rent Rs 5,890

31. Paid wages in cash Rs. 2,800

**Required:**

1. Record the above transaction in Cash Book.
2. Balance the Cash Book on March 31, 2018.
3. Bring down the balance on April 01, 2018.

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**Q. 1 Time Value of Money**

1. Find a simple interest on Rs. 10,000 for 5 years at 6 percent per annum?
2. Find a simple interest on Rs. 15,000 for 7 years at 8 percent per annum?
3. Find compound amount of Rs. 10,000 in 6 years at 10% per annum?.
4. Find compound amount of Rs. 22,000 in 8 years at 14% per annum?.
5. Find discount amount of Rs. 30,000 in 7 years at 15% per annum?
6. Find discount amount of Rs. 50,000 in 9 years at 13% per annum?
7. Mr. Saleem deposits Rs. 60,000 in a bank at end of each year for 4 years. If the interest rate is 12% compounded annually, what would he receive at the end of 4 years?
8. Mr. Saleem deposits Rs. 60,000 in a bank at start of each year for 4 years. If the interest rate is 12% compounded annually, what would he receive at the end of 4 years?
9. What is the Present Value of an annuity that would pay Rs. 10000 a year for 15 years, assuming an interest rate of 8% discounted annually?.

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**Q. 2 Capital Budgeting**

**Calculate**

1. NPV (Net Present Value)
2. Payback Period
3. IRR (Internal Rate of Return)
4. Profitability Index (PI)

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