Problem 01.

Mr. Araf opened HP Limited during the month of May 2021, during the month following transactions occurred.

|  |  |
| --- | --- |
| May 01 | Mr. Araf invested Tk. 10,00,000 in cash to start the business. |
| 02 | Firms received a proposal of providing services to DBBL of Tk. 1,00,000. |
| 05 | Purchased Machine amounting Tk. 80,000 on account. |
| 07 | Paid Tk. 20,000 cash for office rent. |
| 09 | Received cash for service provided amounting Tk. 2,00,000 to Agura Ltd. |
| 12 | Purchased furniture on account amounting Tk. 90,000. |
| 15 | Incurred advertising expenses on account to “The Daily Sun” amounting Tk. 15,000. |
| 19 | Paid employees’ salaries Tk. 25,000 cash. |
| 25 | Purchased a Laptop on note payable amounting Tk. 75,000. |
| 29 | Withdraw Tk. 4,000 cash for personal use. |

You are required to prepare **tabular analysis** of the May transactions. The column headings should be as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Assets (A) | = | Liabilities (L) | + | Owners’ Equity (OE) |
| Cash + Machine + Furniture + Laptop | = | Accounts Payable+ Notes Payable |  | Capital+ Revenues-Expenses –Drawing |

Solution:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HP Limited  Tabular Analysis  For the month May, 2021 | | | | | | | | | |
| Date | Assets (A) | | | | = | Liabilities (L) | | + | Owners’ Equity (OE) |
| Title | Cash | Machine | Furniture | Laptop |  | Accounts Payable | Notes Payable |  | Capital+ Revenues-Expenses –Drawing |
| May 1 | +10,00,000 |  |  |  |  |  |  |  | +10,00,000 |
| May 5 |  | +80,000 |  |  |  | +80,000 |  |  |  |
| May 7 | (20,000) |  |  |  |  |  |  |  | (20,000) |
| May 9 | +2,00,000 |  |  |  |  |  |  |  | +2,00,000 |
| May 12 |  |  | +90,000 |  |  | +90,000 |  |  |  |
| May 15 |  |  |  |  |  | +15,000 |  |  | (15,000) |
| May 19 | (25,000) |  |  |  |  |  |  |  | (25,000) |
| May 25 |  |  |  | +75,000 |  |  | +75,000 |  |  |
| May 29 | (4,000) |  |  |  |  |  |  |  | (4,000) |
| Total | 11,51,000 | 80,000 | 90,000 | 75,000 | = | 1,85,000 | 75,000 |  | 11,36,000 |
| 13,96,000 | | | | = | 13,96,000 | | | |

Problem 02.

Mr. Zaman opened Keystone IT Ltd. during the month of March 2021, during the month following transactions occurred.

|  |  |
| --- | --- |
| March 1 | Mr. Zaman invested Tk. 15,00,000 in cash to start the business. |
| 3 | Paid Tk. 30,000 in cash for rents. |
| 6 | Received cash for service completed and provided to BISSAS Builders Ltd. amounting Tk. 1,80,000. |
| 7 | Purchased a machine on note payable amounting Tk. 85,000 from XYZ Co. |
| 15 | Incurred advertising expenses on account to “The Daily Sun” amounting Tk. 35,000. |
| 16 | Purchased furniture in cash amounting Tk. 50,000. |
| 19 | Purchased supplies of Tk. 21,000 in cash. |
| 21 | Paid employees’ salaries Tk. 40,000 in cash. |
| 26 | Paid Tk. 10,000 for office expenses in cash. |
| 29 | Purchased land from Green View Ltd. on account amounting Tk. 2,50,000. |
| 30 | Withdraw Tk. 30,000 cash for personal use. |
| 31 | Paid Tk. 20,000 to The Daily Sun due on dated 15. |

You are required to prepare a tabular analysis for March transactions. The column headings must be as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Assets | = | Liabilities | + | Owners Equity |
| Cash + Supplies + Land + Furniture + Machine | = | Accounts Payable+ Notes Payable |  | Capital+ Revenues-Expenses-Drawing |

Solution:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Keystone IT Ltd.  Tabular Analysis  For the month March, 2021 | | | | | | | | | | |
| Date | Assets | | | | | = | Liabilities | | + | Owners’ Equity |
| Title | Cash | Supplies | Land | Furniture | Machine |  | Accounts Payable | Notes Payable |  | C+ R-E-D |
| 1 | +15,00,000 |  |  |  |  |  |  |  |  | +15,00,000 |
| 3 | (30,000) |  |  |  |  |  |  |  |  | (30,000) |
| 6 | +1,80,000 |  |  |  |  |  |  |  |  | +1,80,000 |
| 7 |  |  |  |  | +85,000 |  |  | +85,000 |  |  |
| 15 |  |  |  |  |  |  | +35,000 |  |  | (35,000) |
| 16 | (50,000) |  |  | +50,000 |  |  |  |  |  |  |
| 19 | (21,000) | +21,000 |  |  |  |  |  |  |  |  |
| 21 | (40,000) |  |  |  |  |  |  |  |  | (40,000) |
| 26 | (10,000) |  |  |  |  |  |  |  |  | (10,000) |
| 29 |  |  | +2,50,000 |  |  |  | +2,50,000 |  |  |  |
| 30 | (30,000) |  |  |  |  |  |  |  |  | (30,000) |
| 31 | (20,000) |  |  |  |  |  | (20,000) |  |  |  |
| Total | 14,79,000 | 21,000 | 2,50,000 | 50,000 | 85,000 |  | 2,65,000 | 85,000 |  | 15,35,000 |
| 18,85,000 | | | | |  | 18,858,000 | | | |

Problem 03.

Mr. Fardin opened Alpha Metal Industries Limited during the month of June 2019; during the month following transactions occurred.

|  |  |
| --- | --- |
| June 01 | Mr. Fardin invested Tk. 7,00,000 in cash. |
| 04 | Purchased Machine amounting Tk. 70,000 on account. |
| 06 | Paid Tk. 20,000 cash for office rent. |
| 08 | Performed service Tk. 20,000 on account to City Bank Ltd. |
| 13 | Purchased building in cash amounting Tk. 80,000. |
| 14 | Incurred advertizing expenses on account to “The Daily Star” amounting Tk. 25,000. |
| 17 | Paid salaries Tk. 45,000 cash. |
| 22 | Purchased supplies on note payable amounting Tk. 50,000. |
| 28 | Withdraw Tk. 10,000 cash for personal use. |
| 30 | Received cash for service provided amounting Tk. 2,50,000 from Sporso Builders Ltd. |

You are required to prepare tabular analysis of the March transactions. The column headings should be as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Assets | = | Liabilities | + | Owners Equity |
| Cash +Accounts Receivable + Machine +Building + Supplies | = | Accounts Payable+ Notes Payable |  | Capital+ Revenues-Expenses-Drawing |

Solution:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alpha Metal Industries Limited  Tabular Analysis  For the month June, 2019 | | | | | | | | | | |
| Date | Assets | | | | | = | Liabilities | | + | Owners’ Equity |
| Title | Cash | Accounts Receivables | Machine | Building | Supplies |  | Accounts Payable | Notes Payable |  | C+ R-E-d |
| 01 | +7,00,000 |  |  |  |  |  |  |  |  | +7,00,000 |
| 04 |  |  | +70,000 |  |  |  | +70,000 |  |  |  |
| 06 | (20,000) |  |  |  |  |  |  |  |  | (20,000) |
| 08 |  | +20,000 |  |  |  |  |  |  |  | +20,000 |
| 13 | (80,000) |  |  | +80,000 |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | +25,000 |  |  | (25,000) |
| 17 | (45,000) |  |  |  |  |  |  |  |  | (45,000) |
| 22 |  |  |  |  | +50,000 |  |  | +50,000 |  |  |
| 28 | (10,000) |  |  |  |  |  |  |  |  | (10,000) |
| 30 | 2,50,000 |  |  |  |  |  |  |  |  | 2,50,000 |
| Total | 7,95,000 | 20,000 | 70,000 | 80,000 | 50,000 |  | 95,000 | 50,000 |  | 8,70,000 |
| 10,15,000 | | | | |  | 10,15,000 | | | |

Problem 04.

Mr. Shapnil opened a Sigma IT Limited during the month of April 2021, during the month following transactions occurred.

|  |  |
| --- | --- |
| April 1 | Mr. Shapnil invested Tk. 15,00,000 in cash to start the business. |
| 3 | Purchased furniture of Tk. 50,000 in cash from Otobi Furniture. |
| 4 | Purchased supplies on account amounting Tk. 70,000. |
| 8 | Paid utility bills Tk. 10,000 in cash, employee’s salaries Tk. 30,000 in cash. |
| 9 | Incurred advertizing expenses on account to “The Daily Mirror” amounting Tk. 50,000. |
| 14 | Paid Tk. 25,000 in cash for rents. |
| 17 | Received in cash Tk.1,50,000 for service completed and provided to Rupali Bank Ltd. |
| 22 | Purchased laptop on note payable amounting Tk. 65,000. |
| 28 | Withdraw Tk. 35,000 cash for personal use. |
| 29 | Paid Tk. 50,000 of accounts payable due. |
| 30 | Paid Tk. 20,000 to ‘The Daily Mirrror’ due on dated 9. |
| 30 | Paid Tk. 50,000 to notes payable due dated 22. |

You are required to prepare a tabular analysis for April transactions. The column headings must be as follows:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Assets | | | | = | Liabilities | | | + | | Owners Equity | | |
| Cash + Furniture +Supplies + Laptop | | | | = | Accounts Payable+ Notes Payable | | | + | | Capital+ Revenues-Expenses-Drawing | | |
|  | | | |  |  | | |  | |  | | |
| Sigma IT Limited  Tabular Analysis  For the month April, 2021 | | | | | | | | | | | | | |
| Date | Assets | | | | | = | Liabilities | | | | + | Owners’ Equity | |
| Title | Cash | Furniture | Supplies | | Laptop |  | Accounts Payable | | Notes Payable | |  | C+ R-E-D | |
| 01 | +15,00,000 |  |  | |  |  |  | |  | |  | +15,00,000 | |
| 03 | (50,000) | +50,000 |  | |  |  |  | |  | |  |  | |
| 04 |  |  | +70,000 | |  |  | +70,000 | |  | |  |  | |
| 08 | (10,000)  (30,000) |  |  | |  |  |  | |  | |  | (10,000)  (30,000) | |
| 09 |  |  |  | |  |  | +50,000 | |  | |  | (50,000) | |
| 14 | (25,000) |  |  | |  |  |  | |  | |  | (25,000) | |
| 17 | +1,50,000 |  |  | |  |  |  | |  | |  | +1,50,000 | |
| 22 |  |  |  | | +65,000 |  |  | | +65,000 | |  |  | |
| 28 | (35,000) |  |  | |  |  |  | |  | |  | (35,000) | |
| 29 | (50,000) |  |  | |  |  | (50,000) | |  | |  |  | |
| 30 | (20,000) |  |  | |  |  | (20,000) | |  | |  |  | |
| 30 | (50,000) |  |  | |  |  |  | | (50,000) | |  |  | |
| Total | 13,80,000 | 50,000 | 70,000 | | 65,000 |  | 50,000 | | 15,000 | |  | 15,00,000 | |
| 15,65,000 | | | | |  | 15,65,000 | | | | | | |

Problem 05.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mr. Araf opened a Sigma Consultancy Ltd. on 1st March 2017. On 31th March 2017 the balance sheet showed the balance of Cash Tk. 60,000, Accounts Receivable Tk. 35,000, Accounts Payable Tk. 55,000, Furniture Tk. 52,000 and Capital Tk. 92,000. A summary of April transactions is presented below.   |  |  | | --- | --- | | April 1 | Invested Tk. 10,00,000 in cash in business. | | 2 | Purchased a building of Tk. 50,000 in cash. | | 4 | Received cash Tk. 20,000 for services provided. | | 6 | Collected amounting Tk. 90,000 on notes payable. | | 9 | Purchased furniture of Tk. 50,000 on account from Otobi Furniture. | | 11 | Recognized revenues of Tk. 90,000 of which Tk. 40,000 is collected in cash and balance is due in May. | | 12 | Purchased building amounting Tk. 3,00,000 of which paid Tk. 2,00,000 in cash immediately. | | 14 | Collected Tk. 20,000 of accounts receivable. | | 28 | Paid Tk. 40,000 for accounts payable due. | | 30 | Paid Tk. 10,000 for office rent, salaries Tk. 15,000 and utilizes expenses Tk. 25,000 in cash. | | 30 | Withdraw by Mr. Araf of Tk. 20,000 for personal use. | |
|  |
| Requirement: You are required to prepare tabular analysis of the April transactions. The column headings must be as follows:   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Assets | = | Liabilities | + | Owners’ Equity | | Cash + Furniture + Building + Accounts Receivable | = | Accounts Payable + Notes Payable | + | Capital+ Revenues-Expense-Drawing | |

Solution:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sigma Consultancy Ltd.  Tabular Analysis  For the month April, 2019 | | | | | | | | | |
| Date | Assets | | | | = | Liabilities | | + | Owners’ Equity |
| Title | Cash | Furniture | Building | Accounts Receivables |  | Accounts Payable | Notes Payable |  | C+ R-E-D |
| 01 | 60,000 | 52,000 |  | 35,000 |  | 55,000 |  |  | 92,000 |
| 01 | +10,00,000 |  |  |  |  |  |  |  | +10,00,000 |
| 02 | (50,000) |  | +50,000 |  |  |  |  |  |  |
| 04 | +20,000 |  |  |  |  |  |  |  | +20,000 |
| 06 | +90,000 |  |  |  |  |  | +90,000 |  |  |
| 09 |  | +50,000 |  |  |  | +50,000 |  |  |  |
| 11 | +40,000 |  |  | +50,000 |  |  |  |  | +90,000 |
| 12 | (2,00,000) |  | +3,00,000 |  |  | +1,00,000 |  |  |  |
| 14 | +20,000 |  |  | (20,000) |  |  |  |  |  |
| 28 | (40,000) |  |  |  |  | (40,000) |  |  |  |
| 30 | (10,000)  (15,000)  (25,000) |  |  |  |  |  |  |  | (10,000)  (15,000)  (25,000) |
| 30 | (20,000) |  |  |  |  |  |  |  | (20,000) |
| Total | 8,70,000 | 1,02,000 | 3,50,000 | 65,000 |  | 1,65,000 | 90,000 |  | 11,32,000 |
| 13,87,000 | | | | = | 13,87,000 | | | |