Daffodil International University
Faculty of Science & Information Technology
Department of Software Engineering
Final Examination, Fall-2025
Course Code: GE-235, Course Title: Principles of Accounting, Business & Economics
Sections & Teachers: (42-A, B, C, D) – (AGN); (42-E, F, G, H) – (SAS); (42-I, J) – (ASM)

Time: 2 Hours **Marks: 40**

Answer All the questions
[The figures in the right margin indicate the full marks and corresponding course outcomes. All portions of each question must be answered sequentially]

1. Mr. Abir started his own Software firm on June 1, 2024. The following transactions occurred in his business during June 2024: **Mark-6** **CLO-1 Level-2**

1. Mr. Abir invested Tk. 200,000 cash and Furniture of Tk. 100,000 in the business.
2. The business purchased equipment for Tk. 75,000 paying 20,000 cash and signed a note payable for the remaining balance.
3. Tk. 12,000 cash was paid for purchasing supplies.
4. Made cash payment of taka 10,000 on the note payable
5. Withdrew Tk. 10,000 for paying his personal home rent.
6. Paid salaries expense Tk. 15,000 and rent expense Tk. 10,000 in cash.
7. The firm performed Tk. 200,000 services and received 50,000 cash.
8. Received Tk. 100,000 from customers for amounts previously billed.

Instructions:
Summarize the above transactions by preparing a **tabular summary**.

2. During January, the following transactions were completed for the Sunrise Consulting Ltd. **Mark-8 (6+2)** **CLO-1 Level-2**

Jan 1:	The company started the business with Cash Tk. 100,000 and a Land of Tk. 200,000.
Jan 3:	Paid Tk. 120,000 for a 12-month insurance policy on January 3.
Jan 7:	Received Tk. 200,000 in advance for services to be performed over 4 months.
Jan 10:	Services provided for Tk. 120,000. One-third of the amount is received in cash now and the remaining amount is due.
Jan 15:	Received Long-term note payable of Tk. 80,000 at 6% annual interest.
Jan20:	Equipment costing Tk. 150,000 was purchased by paying 20% cash.
Jan 25:	Received a bill of Tk. 10,000 for providing advertising in newspaper.
Jan 30:	Withdrew Tk. 5,000 for personal purpose.

Instructions:

a) **Generalize** the above transactions by **journalizing** them.

b) **Classify** the journal entries by preparing **Cash ledger**.

(Please Turn Over)

3.	XYZ Ltd. started its operation On October 1, 2024. The trial balance for XYZ Ltd. on December 31, 2024 is as follows.	**Marks (7+3+2)**	**CLO-2 Level-3**

ABC Ltd.
Trial Balance
December 31, 2024

Account Title	Debit (Tk.)	Credit (Tk.)
Cash	85,000	
Accounts Receivable	42,000	
Supplies	7,600	
Prepaid Insurance	12,000	
Equipment	150,000	
Accumulated Depreciation—Equip.		30,000
Accounts Payable		27,500
Notes Payable (Long-term)		80,000
Patents	20,000	
Long-term Share Investment	80,000	
Owner's Capital		200,000
Unearned Service Revenue		40,000
Service Revenue		141,600
Salaries Expense	72,000	
Rent Expense	28,000	
Utilities Expense	12,500	
Owner's Drawing	10,000	
Totals	**519,100**	**519,100**

The following adjustments are pertaining to the ABC Ltd.

1. At the end of the period, an inventory count shows only Tk. 3,000 of supplies were in the warehouse.
2. By the end of the period, Tk. 3,000 worth of insurance coverage has expired.
3. Services performed for 30,000 but not recorded till December 31.
4. During the period, Tk. 15,000 of unearned service revenue remain unearned.
5. At the end of the period, interest for 3 months has accrued at 6% interest rate.

Instructions

(a) **Prepare** a worksheet for the period (October 1, 2024 to December 31, 2024).
(b) **Construct** a Classified Balance Sheet
(c) **Prepare** closing journal entries.

4.	a)	**Explain** the key factors an entrepreneur should consider before starting a business and why each factor is important for business success.	**Mark- 5**	**CLO-3 Level-2**
5.	a)	**Develop** the concept of the production-possibility frontier (PPF) and critically evaluate how it can be used to determine the opportunity cost of allocating resources between different goods in an economy.	**Marks-4**	**CLO-4 Level-5**
	b)	**Interpret** the concept of market equilibrium and justify how changes in demand and supply affect the equilibrium price and quantity in a competitive market.	**Marks-5**	