

Bangabandhu Sheikh Mujibur Rahman Science and Technology University
Department of Computer Science and Engineering
 2nd Year 1st Semester B.Sc. Engineering Examination-2014
 Course No: ACC-204 Course Title: Industrial Management and Accountancy
 Total marks: 70 Time: 3 hours.

N.B.

- i. Answer **SIX** questions, taking any **THREE** from each section.
- ii. All questions are of equal values
- iii. Use separate answer script for each section

SECTION – A

- | | | | |
|----|-----|---|-----------------|
| 1. | (a) | What do you mean by business? | 2 $\frac{2}{3}$ |
| | (b) | What are the objectives of Business? | 4 |
| | (c) | How can you classify industry in different forms? | 5 |
| 2. | (a) | Define Management. | 1 $\frac{2}{3}$ |
| | (b) | What are the basic principles of Management according to Henri Fayol? | 5 |
| | (c) | What function does Management perform in our socio-economic perspective? | 5 |
| 3. | (a) | What are the different forms of ownership of Business? | 3 $\frac{2}{3}$ |
| | (b) | Describes the main features of Partnership Business. | 4 |
| | (c) | What are the difference between Private and Public Limited Company? | 4 |
| 4. | (a) | How do you understand by Human Resource Management? | 2 $\frac{2}{3}$ |
| | (b) | What is Selection? As a HR manager how can you select an appropriate candidate for the vacancies? | 5 |
| | (c) | Explain the Maslow's Need Hierarchy with diagram? | 4 |

SECTION – B

5. James Anderson started his own hotel business, Good Night hotel, on April 1, 2014. The following transactions occurred during the month of April: 11 $\frac{2}{3}$

April 1: Anderson invested Tk. 7,000 cash and a piece of land Tk. 10,000.

April 3: Paid Tk. 900 for office rent for the month.

April 5: Purchase supplies on account costing Tk. 500.

April 8: Paid Tk. 800 for advertising cost.

April 10: Received Tk. 4,000 for service provided.

April 12: Withdrew Tk. 1,500 for personal use.

April 17: Performed service on account of Tk. 5,000.

April 22: Paid Tk. 2,000 for employee salary.

April 24: Paid for the supplies purchased on account on April 5.

April 25: Received a cash payment of Tk. 3,500 for service provided on account on April 17.

April 28: Borrow Tk. 5,000 from the bank on a note payable.

April 29: Purchase office equipment for Tk. 3,000 on account.

April 30: Paid Tk. 200 for utilities.

Prepare a tabular analysis of transactions using the following column headings:

Cash, Land, Account Receivable, Supplies, Equipment, Accounts Payable, Notes Payable, and James Anderson's Capital. Revenue is called service revenue.

6. (a) What is Journal and How it helps in the Recording Process? 3²₃
 (b) "XYZ" opened the campus Laundromat on September 1, 2013. During the first month of operations the following transactions occurred. 8

- Sept. 1 Invested Taka 2,00,000 cash in the business.
 2 Paid Taka 10,000 cash for store rent for the month of September.
 3 Purchased washers and dryers for Taka 2,50,000, Paying Taka 100,000 in Cash and Taka 150,000 in Credits.
 4 Paid Taka 12,000 for one-year accident insurance policy.
 10 For advertising the opening of the Laundromat give advertisement in News Paper Taka 2,000.
 20 Withdrew Taka 7,000 cash for personal use.
 30 Determined that cash receipts for Laundry services for the month were Taka 60,000.

Instruction:

Journalize the September Transactions.

7. (a) State the required steps in the accounting Cycle. 3²₃
 (b) At the end of its first month of operations, Watson Answering Service has the following unadjusted trail balance. 8

Watson Answering Service
 August 31, 2013
 Trail Balance

	Debit(Tk.)	Credit(Tk.)
Cash	5,400	
Accounts Receivable	2,800	
Prepaid Insurance	2,400	
Supplies	1,300	
Equipment	60,000	
Notes Payable		40,000
Accounts Payable		2,400
Capital		30,000
Drawing	1,000	
Service Revenue		4,900
Salaries Expenses	3,200	
Utilities Expenses	800	
Advertising Expenses	400	
	<u>77,300</u>	<u>77,300</u>

Other data consist of the following:

- Insurance expires at the rate of Taka 200.
- There is Taka 1,000 of supplies on hand at August, 31.
- Monthly depreciation on the equipment is Taka 900
- Interest of Taka 500 on the notes payable has accrued during August.

Instruction:

Prepare a Work Sheet.

8. The Khan company has just been formed. Market survey shows that they will be able to sell 11²₃
 10,000 units per year @ Tk. 10 per unit.
 The following data have been supplied to you:

Machine A	Taka	Machine B	Taka
Annual fixed cost	30,000.00	Annual fixed cost	16,000.00
Net profit per year	30,000.00	Net profit per year	24,000.00

Variable costs behave linearly for both the machine.

Required:

- Break Even Sales for both the machines.
- Which is the most profitable machine when 9,000 units are sold?
- Which is the most profitable machine when 5,000 units are sold?