



‘সমানো মন্ত্র: সমিতি: সমানী’

**UNIVERSITY OF NORTH BENGAL**

BBA/B.Com. LL.B. Honours 4th Semester Examination, 2022

**COST ACCOUNTING****PAPER CODE: FC11**

Time Allotted: 3 Hours

Full Marks: 100

*The figures in the margin indicate full marks.*

***The students are advised to follow the word limit mentioned below strictly while answering questions. The marks will be deducted if answers exceed word limit. 20 marks- not more than 2000 words / 15 marks- not more than 1500 words / 10 marks- not more than 1000 words / 5 marks- not more than 500 words***

**Attempt and answer question no. 7 and any four questions from the rest of the questions**

1. (a) Calculate the earnings of worker A and B under straight piece-rate system and Taylor's Differential piece-rate system from the following particulars: 10  
 Normal rate per hour = Rs. 1.80  
 Standard time per unit = 20 seconds  
 Differentials to be applied:  
 80% of piece rate below standard  
 120% of piece rate at or above standard  
 Worker A produces 1300 units per day and worker B produces 1500 units per day.  
 (b) Rate per hour = Rs. 1.50 per hour 5+5  
 Time allowed for job = 20 hours  
 Time taken = 15 hours  
 Calculate the total earnings of the worker under the Halsey plan. Also find out effective rate of earning.
2. The following is a summary of the receipts and issues of materials in a factory during the month of April, 2020 6+6+8

Date	Particulars	Quantity	Rate per unit
1	Received	2000	10
5	Received	300	12
8	Issued	1200	—
10	Received	200	14
12	Issued	1000	—
23	Received	300	11
31	Issued	200	—

Prepare a statement showing the pricing of issues on the basis of

- (a) FIFO Method
- (b) LIFO Method
- (c) Simple Average Method .

3. Raj is a Purchase Department's Head of ABC Ltd. He does not know about the purchase requisition process. Make a brief note to enlighten him about it. 20
4. Compute the re-order level, minimum level, Maximum level, Average stock level for components A and B based on the following data: 5+5+5+5

	A	B
Maximum Consumption per week	150 units	150 units
Average Consumption per week	100 units	100 units
Minimum Consumption per week	50 units	50 units
Re-order period	8 to 12 weeks	4 to 8 weeks
Re-order quantity	400 units	600 units

5. ZEE, a product, is manufactured out of three raw materials M, N and Q. Each unit of ZEE requires 10 kg, 8 kg and 6 kg of M, N and Q respectively. The re-order levels of M and N are 15, 000 kg and 10,000 kg respectively, while the minimum level of Q is 2500 kg. The weekly production of ZEE varies from 300 to 500 units, while the weekly average production is 400 units. 6+6+8
- You are required to compute:
- (i) The minimum stock level of M.
  - (ii) The maximum stock level of N.
  - (iii) The re-order level of Q.

The following additional data are given:

	M	N	Q
Re-order quantity (kg)	20,000	15,000	20,000
Delivery (in weeks)			
Minimum	2	4	3
Average	3	5	4
Maximum	4	6	5

6. (a) Make a comparative analysis between cost accounting and financial accounting. 10
- (b) Explain the importance of cost accounting. 10
7. Write short notes: (any *four*) 5×4 = 20
- (a) Overhead
  - (b) Idle Capacity
  - (c) Job Costing
  - (d) Batch Costing
  - (e) Unit Costing
  - (f) Process Costing.

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