



'समानो मन्त्रः समितिः समानी'

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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