



**WEST BENGAL STATE UNIVERSITY**  
B.Com. Programme 2nd Semester Examination, 2022

**FACGCOR03T-B.Com. (DSC3)**

**COST AND MANAGEMENT ACCOUNTING**

Time Allotted: 2 Hours

Full Marks: 50

*The figures in the margin indicate full marks.  
Candidates should answer in their own words and adhere to the word limit as practicable.  
All symbols are of usual significance.*

**GROUP-A / বিভাগ-ক**

**Answer any two questions from the following**

10×2 = 20

নিম্নলিখিত যে-কোনো দুটি প্রশ্নের উত্তর দাও

1. What do you mean by 'Cost Accounting'? State the objectives of Cost Accounting. 3+7  
পরিব্যয় হিসাবরক্ষণ বলতে কি বোঝো? পরিব্যয় হিসাবরক্ষণের উদ্দেশ্যগুলি বর্ণনা করো।
2. State the reasons for the difference between the profits shown in the cost accounts and those shown in the financial accounts of an industrial organisation. 10  
একটি শিল্প প্রতিষ্ঠানের পরিব্যয় হিসাব ব্যবস্থায় দেখানো মুনাফার সাথে আর্থিক হিসাব ব্যবস্থায় দেখানো মুনাফার পার্থক্যের কারণগুলি বর্ণনা করো।
3. From the following particulars compute: 2½×4  
(i) Maximum Level  
(ii) Minimum Level  
(iii) Average Stock Level  
(iv) Re-order Level

Normal usage:	100 units per day
Maximum usage:	130 units per day
Minimum usage:	60 units per day
Re-order level	20-30 days
Re-order quantity	5100 units

4. From the following information prepare a Cost Sheet for the year 2021: 10

	Amount (₹)
Raw materials consumed	1,20,000
Direct wages	80,000
Direct Expenses	16,000
Indirect wages	20,000
Depreciation on Machinery	24,000
Office Overhead	20% on works cost
Selling Overhead	₹4.00 per unit
Unit produced	20,000 units
Unit Sold	16,000 units @ ₹25 each

5. Distinguish between Cost Accounting and Financial Accounting. 10

পরিব্যয় হিসাবরক্ষণ এবং আর্থিক হিসাবরক্ষণের মধ্যে পার্থক্য নির্ণয় করো।

6. Write short notes: (টীকা লেখো) 3+4+3

- (i) Sunk Cost (নিমজ্জিত ব্যয়)  
(ii) Opportunity Cost (সুযোগ ব্যয়)  
(iii) Indirect Cost (অপ্রত্যক্ষ ব্যয়)

#### GROUP-B / বিভাগ-খ

Answer any *two* questions from the following

15×2 = 30

নিম্নলিখিত যে-কোনো দুটি প্রশ্নের উত্তর দাও

7. (a) What is Merit Rating? State the objectives of merit rating. 2+3

- (b) A worker takes 6 hours to complete a job under a scheme of payment by results. Standard time allowed for the job is 9 hours. His wage rate is ₹1.50 per hour. Material Cost of the job is ₹16 and overheads are recovered at 150% of total direct wages. Calculate factory cost of the job under: 3+3+4

(i) Rowan and (ii) Halsey systems of incentive payments

8. (a) What do you mean by Economic Order Quantity? 3

মিতব্যয়ী ফরমাসের পরিমাণ বলতে কি বোঝায় ?

- (b) Z Ltd., is committed to supply 24,000 bearings per annum to Y Ltd. on a steady basis. It is estimated that it costs 10 paise as inventory holding cost per bearing per month and that the set-up cost per run of bearing manufacture is ₹324/-. 4+4+4

- (i) What would be the optimum run size for bearing manufacture?  
(ii) What would be the interval between two consecutive optimum runs?  
(iii) What is the minimum inventory holding cost?

9. A company produces a uniform type of product and has a manufacturing capacity of 3000 units per week of 48 hours. From the cost records of the company, the following data are available relating to output and cost for three consecutive weeks: 15

Week	Units produced	Direct Material (₹)	Direct Labour (₹)	Factory overhead (₹)
1	1200	9,000	3,600	31,000
2	1600	12,000	4,800	33,000
3	1800	13,500	5,400	34,000

Assuming that the Company charges a profit of 20% on selling price. Find out the selling price per unit when the weekly output is 2,000 units.

10. Sun Pharma processes a product through three distinct stages the product of one process being passed on to the next process and so on to the finished product intact. Details of the cost incurred in each process are given below: 15

	Process A (₹)	Process B (₹)	Process C (₹)
Raw Materials	1,150	1,050	700
Direct wages	500	600	700

The overhead expenses for the period amounted to ₹3,600/- and is to be distributed to the processes on the basis of direct wages.

There were no stocks in any of the processes either at the beginning or at the close of the period.

Assuming the output was 1,000 kilos. Show the Process Cost of A, B and C indicating also the cost per kilo of each element of cost and the output in each process.

11. The following extract of costing information relates to commodity "A" for the half year ending 31<sup>st</sup> December, 2021. 15

	₹		₹
Purchase of Raw Materials	1,20,000	Stock (31 <sup>st</sup> Dec., 2021):	
Works Overheads	48,000	Raw Materials	22,240
Direct wages	1,00,000	Finished Products (2000 tons)	32,000
Carriage on Purchases	1,440	Work-in-Progress (on 1 <sup>st</sup> July, 2021)	4,800
Stock (1 <sup>st</sup> July, 2021):		Work-in-Progress (on 31 <sup>st</sup> Dec., 2021)	16,000
Raw materials	20,000	Sales-Finished Products	3,00,000
Finished Products (1000 tons)	16,000		

Selling and distribution overheads are ₹1.00 per ton sold. 16,000 tons of commodity were produced during the period.

You are to ascertain (i) Cost of raw materials used, (ii) Cost of output for the period, (iii) Cost of Sales, (iv) Net profit for the period and (v) Net profit per ton of the commodity.

12. Write short notes: (any *five*)

3×5 = 15

টীকা লেখোঃ (যে-কোনো পাঁচটি)

- (a) Bin Card (বিন কার্ড)
- (b) Retention money (অগ্রদেয় অর্থ)
- (c) VED Analysis (VED বিশ্লেষণ)
- (d) Idle Time (অলস সময়)
- (e) Semi variable cost (আংশিক পরিবর্তনযোগ্য ব্যয়)
- (f) Inter Process Profit (আন্তঃ প্রক্রিয়া লাভ)
- (g) Abnormal Gain (অস্বাভাবিক লাভ)
- (h) Piece rate and time rate system of payment of wages. (কার্যভিত্তিক ও সময়ভিত্তিক মজুরি প্রদান পদ্ধতি)।

**N.B. :** *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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