

2018

**COST AND MANAGEMENT ACCOUNTING-I – GENERAL**

(CC2.1Cg)

Full Marks : 80

*Candidates are required to give their answers in their own words  
as far as practicable.*

প্রাপ্তলিখিত সংখ্যাগুলি পূর্ণমান নির্দেশক।

বিভাগ - ক

১। নিম্নলিখিত প্রশ্নগুলির উত্তর দাও :

(ক) পরিব্যয় হিসাব ব্যবস্থা বলতে কী বোঝো? পরিব্যয় হিসাব ব্যবস্থার যে-কোনো চারটি উদ্দেশ্য উল্লেখ করো। ১+৪

অথবা,

পরিব্যয় বলতে কী বোঝো? পরিব্যয় কেন্দ্র ও পরিব্যয় এককের মধ্যে পার্থক্য কী কী? ২+৩

২। Mr. X পণ্য উৎপাদন সংক্রান্ত 2017 সালের মার্চ মাসের নিম্নলিখিত তথ্যগুলি সরবরাহ করে। পরিব্যয় বিবরণী প্রস্তুত করো এবং  
অন্ত মজুত পণ্যের মূল্য নির্ণয় করো। (FIFO পদ্ধতি অনুযায়ী) ৫

	₹
Raw Materials Consumed	30,000
Direct Wages	18,000
Machine hours worked	1,800
Machine hour rate	5
Administrative overheads	20% of works cost
Selling overheads	50 paise per unit
Units produced	34,200
Units sold	32,000 units @ ₹ 4 per unit

৩। (ক) নিম্নলিখিত শিল্পগুলিতে উপযুক্ত পরিব্যয় ব্যবস্থা কী, তা উল্লেখ করো :

(অ) সাইকেল প্রস্তুতকারী সংস্থা

(আ) আসবাবপত্র প্রস্তুতকারী সংস্থা

(ই) খেলনা প্রস্তুতকারী সংস্থা

(খ) নিম্নলিখিত শিল্পগুলিতে ব্যবহৃত ব্যয় এককের নাম লেখো :

(অ) পরিবহণ সংস্থা

(আ) শক্তিসম্পদ উৎপাদনকারী সংস্থা

৩+২

Please Turn Over

- (খ) Mr. Sen রানাঘাটে Tempo পরিবহন কার্কে নিয়োজিত। নিম্নলিখিত তথ্যগুলির সাহায্যে প্রতি কিলোমিটার পরিবহন পিছু পরিব্যয় নির্ণয় করো। ১২

Cost of Vehicle ₹ 4,50,000; Road licence fee ₹ 1,500 p.a.; Supervisor's salary per year ₹ 30,000; Driver's wages per hour ₹ 40; Cost of fuel per litre ₹ 36; Tyre cost per km. ₹ 16.

[ English Version ]

*Candidates are required to give their answers in their own words as far as practicable.*

*The figures in the margin indicate full marks.*

**Group - A**

Answer the following questions.

1. What do you mean by Cost Accounting? Mention any four objectives of Cost Accounting. 1+4

*Or,*

What do you mean by Costing? What are the differences between Cost Centre and Cost Unit? 2+3

2. Mr. X furnishes the following data relating to the manufacture of a product during the month of March, 2017. Prepare a Cost Sheet and also ascertain value of closing stock under FIFO method. 5

	₹
Raw Materials Consumed	30,000
Direct Wages	18,000
Machine hours worked	1,800
Machine hour rate	5
Administrative overheads	20% of works cost
Selling overheads	50 paise per unit
Units produced	34,200
Units sold	32,000 units @ ₹ 4 per unit

3. (a) Mention the appropriate method of Costing suitable for the following industries :
- Bi-cycle manufacturing
  - Furniture making
  - Toy manufacturing
- (b) Name the appropriate cost unit suitable for the following industries.
- Transport industry
  - Power manufacturing industry
4. What do you mean by Idle time? How is it treated in cost accounting? 2+3

Or,

From the following details calculate total earnings of a worker and the effective hourly rate of wages where bonus is paid under Rowan plan : 4+1

Basic wages rate per hour	₹ 50
Time allowed for the job	16 hours
Time taken for the job	12 hours

**Group - B**

Answer the following questions.

5. From the following particulars prepare a Stores Ledger Account of P K Traders for the month of November, 2017 under LIFO basis : 10

2017

November 1	Opening balance 1,000 units
November 9	Received 500 units @ ₹ 7 per unit
November 12	Issued 1,200 units
November 21	Received 1,000 units @ ₹ 8 per unit
November 30	Issued 1,100 units

[On 30th November, 2017 a shortage of 50 units was found.]

Or,

What is ABC analysis of inventory? What do you mean by EOQ? What are the distinction between Bin Card and Stores Ledger? 3+3+4

6. The profit as per Cost Accounts is ₹ 45,200. The following details are ascertained on comparison of the Cost and Financial accounts :

	Cost Accounts ₹	Financial Accounts ₹
(a) Opening stock of Raw Materials	12,900	14,100
(b) Opening Stock of Work in Progress	7,000	7,900
(c) Closing stock of Raw Materials	15,000	14,200
(d) Closing stock of Work in Progress	6,500	6,100
(e) Closing stock of Finished Goods	7,500	8,500
(f) Directors fees paid ₹ 1,500 and Dividend received ₹ 500 are exclusively taken in Financial Accounts, but ignored in Cost Accounts.		
(g) Rent charged in Cost Accounts but not in Financial Accounts ₹ 4,800.		

(7)

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- (h) Preliminary expenses written off ₹ 2,750, but not charged in Cost Accounts.  
 (i) Overhead charged in Financial Accounts ₹ 22,000 but recovered in Cost Accounts ₹ 25,000.

Prepare a Reconciliation statement and also find out profit as per Financial Accounts. 10

Or,

The following transactions took place for the month of December, 2017 of ABC Co. Ltd. You are required to enter the transactions in the Cost books (under cost control accounting system) : 10

	₹
Materials purchased for stores	25,000
Materials purchased for direct issue	4,000
Materials issued for production	23,700
Factory overhead absorbed	3,000
Administration Overhead absorbed	1,800

7. (a) S Ltd. has supplied the following information in respect of a incomplete contract as on 31st March, 2018 :

	₹
Contract price	3,00,000
Work certified	2,00,000
Estimated cost of completion of contract	2,40,000
Cash received	1,60,000
Uncertified work	14,000
Cost of contract (expenditure upto 31.03.18)	1,90,000

Calculate the profit to be carried to Profit & Loss A/c for the year ended 31.03.2018. 5

- (b) During a week of 44 hours a worker can produce 200 articles and receives wages at the rate of ₹ 3 per hours. The estimated time to produce an article is 20 minutes.

Calculate his gross wages under the following methods :

- (i) Time Rate  
 (ii) Piece Rate with guaranteed Time Rate.

(2+3)

### Group - C

Answer the following questions.

8. Larika Co. has three production departments A, B, C and one service department S. Expenses for the period of 12 months are given below :

	₹		₹
Rent	3,600	Power	8,250
Indirect Wages	5,200	Depreciation on machinery	22,000
Electricity	5,600	Canteen expenses	6,500

Additional information	A	B	C	D
Light points (Nos)	7	7	9	5
Floor space (sq. ft.)	300	250	450	200
H.P. of machine	65	30	30	40
No. of workers	2	3	6	2
Direct wages (₹)	12,000	14,000	18,000	8,000
Cost of machine (₹)	50,000	60,000	80,000	10,000

Working days = 200 days of 8 hours each.

Service rendered by service department S to production departments A, B and C is 30%, 20% and 50% respectively.

You are required to calculate labour hour rate for each of the production departments. 15

9. A product passed through two processes P and Q. You are required to prepare process P A/c, Process Q A/c and Normal Loss A/c from the following information :

	Process P	Process Q
	₹	₹
Materials	60,000	6,000
Labour	20,000	24,000
Overheads	14,000	17,200
Input (units)	40,000	35,000
Normal loss	10%	4%
Scrap value	₹ 1	₹ 2
Output (units)	35,000	34,000

There was no opening or closing work in progress. 15

Or,

- (a) What is Operating Costing? Define composite cost unit with example. 1+2
- (b) Mr. Sen runs a tempo in the town of Ranaghat. From the following data you are required to compute the cost per running k.m. 12

Cost of Vehicle ₹ 4,50,000; Road licence fee ₹ 1,500 p.a.; Supervisor's salary per year ₹ 30,000; Driver's wages per hour ₹ 40; Cost of fuel per litre ₹ 36; Tyre cost per km. ₹ 16.