

M.Com. NEP Pattern Semester-II
02MCOM101 - Advanced Cost Accounting

P. Pages : 5

Time : Three Hours



GUG/S/24/15317

Max. Marks : 80

- Notes : 1. All questions are compulsory.
2. All questions carry equal marks.

1. a) Explain the importance and scope of cost accounting. 16

OR

- b) Calculate the Machine Hour Rate for the machine No. 101 from the following particulars: 16

Cost of Machine Rs. 3,00,000; Estimated Scrap value Rs. 6,000 Estimated Working life Hours 40,000; Hour required maintenance Hours 500; Annual working Hours 5,500; Setting up time 5% of the total productive time; Power consumed per hour units 50 Rate per unit paise 30; Cost of Repairs Rs. 40,000 p. a. No. of operators (looking after 4 machines) 3, wages of operators Rs. 4,000 p. m. Chemical required Rs. 3,000 p. m. overhead chargeable to this machine Rs. 5,000 p. m.; Insurance premium 1% p. a.

2. a) Tejas chemicals Co. Ltd. produced three chemicals during the month of July 2023 by three consecutive process. Scrap which from process (1) and (2) realizes Rs. 100 per ton and from process (3) Rs. 20 per ton. In each process 2% of weight put-in is lost and 10% is scrap. 16

Particular	1	2	3
Production transferred to next process	75%	50%	-
Production transferred to Godown	25%	50%	100%
Material in tons	1,000	140	1,348
Cost of materials	2,20,000	28,000	1,07,840
Wages	20,500	18,520	15,000
General Exp.	10,300	7,240	3,100

Prepare process Account showing cost per ton of each product.

OR

- b) Two by-product X and Y are produced in the course of manufacture of product A. There expenses are as follows:- 16

	Joint Expense	Subsequent or Separate		
	Rs.	A	X	Y
Material	1,600	400	200	160
Labour	2,000	600	250	200
On Cost (Overheads)	1,200	600	200	384
	4,800	1,600	650	744

Selling price are A – Rs. 6,000, X – Rs. 2,000 and Y – Rs. 1,600. The estimated profits are 20%, 17.5% and 16% respectively on the turnover sales. prepare separate accounts showing the cost of each product.

3. a) Following is the summary of the entries in a contract ledger as on 31-December 2023 in respect of contract no. 21.

16

Material brought directly	2,40,000
Material from stores	38,000
Wages	82,000
Direct expenses	38,000
Establishment Charges	42,000
Plant	2,36,800
Scrap sold	8,200

The further information is as follows:

1. Accrued on 31 December 2023 were wages Rs. 4,600 and Direct expenses Rs. 3,400
2. The cost of the work uncertified including material Rs. 20,400 wages 5,000 and Direct expenses Rs. 7,000
3. Rs. 9,000 worth of plant and Rs. 13,000 worth of materials were destroyed by fire.
4. Rs. 17,000 worth of plant sold Rs. 13,000 and materials costing Rs. 30,000 sold for Rs. 34,000
5. Depreciation till 31 December 2023 on plant Rs. 50,000
6. Material at site Rs. 30,000.
7. Cash received from contractee Rs. 3,40,000 being 80 percent of work certified.
8. Contract price 5,80,000 prepare contract account and show how will the work in progress appear in the balance sheet.

OR

- b) Pratibha construction company look a contract of bridge construction on 31 December 2022 the following information was available.

16

Material	6,00,000
Sundry expenses	30,000
Unpaid Wages	10,000
Contract received	24,00,000
Amount Received	10,80,000
Wages	7,00,000
Machinery sent to site	1,00,000
Balance of materials	24,000
Cost of certified work	14,40,000

The cost of uncertified work Rs. 40,000 the cost of balance of machinery was Rs. 80,000
Prepare :

- 1) Contract Account
- 2) Work in progress A/c
- 3) How item are shown in Balance sheet

4. a) From the following data relating to two different Vehicles X and Y compute the cost per running km. 16

	Vehicle X Rs.	Vehicle Y Rs.
Kms. Run (Annual)	40,000	22,000
Cost of Vehicles	60,000	40,000
Road License (Annual)	2,500	2,500
Garage Rent (Annual)	2,200	2,000
Supervisor's Salary	3,400	3,400
Driver's Wages per hours	4	4
Cost of Fuel per Gallon 1.	4	4
Insurance (Annual)	2,400	1,800
Kms. Run per Gallon	30 Kms.	25. Kms.
Repairs & Maintenance per Km.	Rs. 2.56	Rs. 2.50
Tyre allocation per km.	0.90	0.70
Estimated life of Vehicles	2,00,000 Kms.	1,50,000 Kms.

Charge interest at 5% per annum on cost of Vehicles. The vehicles run 20 Kms, per hour on an average.

OR

- b) From the following information calculate the cost of generating electricity per unit; 16

1. Coal used Rs. 2,500 tonnes @ Rs. 10 per tonne.
2. Freight and handling charges : 10% of value of the coal uses.
3. Oil : 30 tonnes @ Rs. 250 per tonne.
4. Water : 1,00, 000 litres Rs. 0.25 per 100 litres.
5. Depreciation of steam boiler Rs. 600
6. Salaries and wages of the boiler house: 25 men @ Rs. 100 each. 90 coolies @ Rs. 20 each.
7. Recovery on account of sale of ashes : 300 tonnes @ Rs. 1.5 per tonne.
8. Salaries and wages of generating station: 100 men @ Rs. 150 each. 50 coolies @ Rs. 25 each –
9. Repairs and maintenance of generating equipment Rs. 650.
10. Depreciation of generating equipment Rs. 5,500.
11. Share of administration charges Rs. 4,000.
12. Total number of units generated Rs. 2,95,000
13. Normal loss in the process : 5,000 units generated.

5. Write in short answers:-

- a) Objectives of Cost Accounting. 4
- b) Difference between cost and Management account. 4
- c) Advantages of cost audit. 4
- d) Labour cost control. 4

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सुचना :- 1. सर्व प्रश्न अनिवार्य आहेत.
2. सर्व प्रश्नांना समान गुण आहेत.

- | | | |
|----|--|----|
| 1. | अ) परिव्यय लेखांकनाचे महत्व व व्याप्ती स्पष्ट करा. | 16 |
| | किंवा | |
| | ब) इंग्रजी माध्यमाप्रमाणे | 16 |
| 2. | अ) इंग्रजी माध्यमाप्रमाणे | 16 |
| | किंवा | |
| | ब) इंग्रजी माध्यमाप्रमाणे | 16 |
| 3. | अ) इंग्रजी माध्यमाप्रमाणे | 16 |
| | किंवा | |
| | ब) इंग्रजी माध्यमाप्रमाणे | 16 |
| 4. | अ) इंग्रजी माध्यमाप्रमाणे | 16 |
| | किंवा | |
| | ब) इंग्रजी माध्यमाप्रमाणे | 16 |
| 5. | थोडक्यात उत्तरे लिहा:- | |
| | अ) परिव्यय लेखांकनाचे उद्देश. | 4 |
| | ब) परिव्यय आणि प्रबंधकिय लेख्यातील फरक. | 4 |
| | क) परिव्यय अंकेक्षणाचे फायदे. | 4 |
| | ड) श्रम परिव्यय नियंत्रण. | 4 |

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- सुचनाएँ :- 1. सभी प्रश्न अनिवार्य हैं।
2. सभी प्रश्नों को समान अंक हैं।

1. अ) परिव्यय लेखांकन के महत्त्व एवं व्याप्ती को विशद कीजिए। 16
- अथवा**
- ब) अंग्रेजी माध्यम के अनुसार 16
2. अ) अंग्रेजी माध्यम के अनुसार 16
- अथवा**
- ब) अंग्रेजी माध्यम के अनुसार 16
3. अ) अंग्रेजी माध्यम के अनुसार 16
- अथवा**
- ब) अंग्रेजी माध्यम के अनुसार 16
4. अ) अंग्रेजी माध्यम के अनुसार 16
- अथवा**
- ब) अंग्रेजी माध्यम के अनुसार 16
5. संक्षिप्त में उत्तर लिखिए।
- अ) परिव्यय लेखांकन के उद्देश. 4
- ब) परिव्यय एवं प्रबंधकिय लेखा में भेद. 4
- क) परिव्यय अंकेक्षण के लाभ. 4
- ड) श्रम परिव्यय नियंत्रण 4
