

**SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)**

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.

B.Com.(A&F) END SEMESTER EXAMINATIONS APRIL-2022

SEMESTER - VI

11UAFCT6A18 & UAF/CT/6018 - Advanced Cost Accounting

Total Duration : 3 Hrs.

Total Marks : 60

Section A

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. What are the methods of cost Accounting?

2. A factory's data are as follows :

Variable expenses	Rs.10 per unit
Fixed expenses	Rs.4,00,000
Selling price	Rs.20 per unit

Calculate the break-even point.

3. Calculate passenger Kms.

No of buses: 5

Days operated in a month 25

No of trips by each bus 4

Distance 40 km (up and down)

Capacity of bus 50 passengers.

Normal passengers travelled 90% of the capacity.

4. From the details below, prepare process a/c.

Raw materials Rs.2,600; Wages Rs.2,000; General overhead Rs.2,000; Normal loss 5% Scrap value per unit Rs.2/- production 950 units. 1000 units @ Rs.3/- per unit were introduced as input in the process.

5. How much of profit, if any, would you allow to be considered in the following:

Contract cost	Rs.2,80,000 (up to date)
Contract value	Rs.5,00,000
Cash received	Rs.2,70,000
Uncertified work	Rs.30,000

Deduction from bills by way of security - 10%

6. The following data is available in respect of Job No. 876:

Direct Materials: Rs.7,000; Wages 160 hours at Rs.50 per hour. Variable overheads incurred for all jobs Rs.80,000 for 2,000 Labour hours. Fixed overheads are absorbed at Rs.20 per hour: Find the profit or loss from the job is billed for Rs.40,000.

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7. Explain the difference between job costing and process costing.
8. A plant costing Rs.1,50,000 was issued to a contract on 1.1.2018. Plant costing Rs.10,000 was transferred to another contract on 30.06.2018. A plant costing Rs.5,000 was stolen. Another plant worth Rs.4,000 was destroyed by fire. Plant costing Rs.3,000 was sold for Rs.4,000. Charge depreciation at 10% per annum. Ignore depreciation for plant stolen, destroyed and sold. Show the extracts from contract account relating to plant.

Section B

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Explain the merits and demerits of job costing.
10. Product B is obtained after it passes through three processes and the details are given below:

Particulars	Process I (Rs.)	Process II (Rs.)	Process III (Rs.)
Direct material	5,200	3,960	5,924
Direct wages	4,000	6,000	8,000
Production overheads	4,000	6,000	8,000
Normal loss	5%	10%	15%
Scrap value per unit	4	8	10
Output (units)	950	840	750

1000 units were introductions in Process I at Rs.6 each. Prepare Process a/cs.

11. Mr.Anbu has undertaken several contract works. He maintains separate record for each contract. From the records, for the year ending 31.12.2009. Prepare contract a/c for contract No 444 and find the amount transferred to profit and loss a/c.

Direct purchase of material	1,80,000
Materials issued from stores	50,000
Wages	2,44,000
Direct expenses	24,000
Machinery purchased	1,60,000
Establishment charges	54,000

The contact price was Rs.15,00,000, cash received up to 31.12.2009 was Rs.6,00,000 which represents 80% of the work certified. Materials at site Rs.15,000. Depreciation for machine Rs.16,000.

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12. Pankajam Furniture house places before you the following trading results:

Year	Units	Total Cost (Rs.)	Sales (Rs.)
2013	10,000	80,000	1,00,000
2014	12,000	90,000	1,20,000

Find out the following:

- (a) P/V Ratio.
- (b) BEP both in units and amount.
- (c) Fixed Cost.
- (d) Margin of Safety in the year 2014.

13. Compute cost per running kilometre from the following data of a truck.

Estimated life of vehicle 1,00,000 kms.

Annual running 15,000 kms.

Particulars	Rs.
Cost of vehicle	25,000.00
Road licence (Annual)	750
Insurance (Annual)	700
Garage rent (Annual)	900
Supervision & Salaries (Annual)	2,700.00
Driver's wages per hour	3
Cost of fuel per litre	3
Repairs and maintenance per k.m.	1.75
Tyre allocation per k.m.	0.9

Charge interest at 5% per annum on cost of vehicle.

The vehicle runs 20kms per hour on an average and one litre of fuel gives 20 km.
