647510 **BBA5CasC503x** **Seat No :________**

B.B.A. Semester - 5 (*CBCS*) Examination
December -2020 (NEW COURSE)
Cost Accounting System (Core)

Time: 1:30 Hours **Marks: 42**

Instructions:
1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

Q-1 Following is the trading and profit and loss account of the Kavita Ltd. for the year ending Dated. 31-3-2020 **(14)**

Particulars	Rs	Particulars	Rs
To Direct Materials	12,00,000	By Sales(12,000 Units at 60% Production Capacity)	34,27,600
To Direct Wages	7,20,000		
To Direct Expenses	2,40,000		
To Factory Expenses:			
Fixed 2,00,000			
Variable 2,40,000	4,40,000		
To Gross Profit c/d	8,27,600		
	34,27,600		34,27,600
To Office Indirect Exp.(Fixed)	3,00,000	By Gross Profit b/d	8,27,600
To Selling Indirect Exp.			
Fixed 1,20,000			
Variable 96,000	2,16,000		
To Net profit	3,11,600		
	8,27,600		8,27,600

For the year 2021 following information is available

(1) The Production will be at 100% production capacity and 80% of the production will be sold
(2) Price of materials per unit will rise by 20% and wages rate per unit will rise by 10%
(3) Selling variable expenses per unit will rise by 25%
(4) Fixed expenses will rise as under
    Fixed factory expenses 50%
    Fixed selling expenses 33.1/3%
    Fixed office expenses Rs.80, 000
(5) The rate of profit on cost will increase by 100%

From the above information prepare the following:

(1) A statement of cost showing total as well as per unit cost for the year 2020
(2) A statement of cost showing total as well as per unit cost for the year 2021

Q.2 (A) From the following particulars find out Material Turnover Rate and Turnover Period. **(07)**

	Material "X"	Material "Y"
Opening Stock	30,000	70,000
Purchase	1, 20,000	2, 05,000
Closing Stock	15,000	45,000

Q.2 (B) From the following Information find out: **(07)**

(1) Recording level (2) Minimum Level (3) Maximum Level (4) Average Level.
Maximum Procurement time 60 days.
Minimum daily consumption 160 units.
Average procurement time 50 days.
Average daily consumption 200 units.
Economics order Quantity 8,000 units.

Q.3 (A) Time allowed for completion of work is 300 hours and time taken to complete The work is 250 hours. Labour rate per hour is Rs. 9.6 and if material consumed is for Rs. 700 and factory overheads are 25% of prime cost ,find out factory cost as per (1) Traditional method (2) Halsey premium plan (3) rowan premium plan. **(07)**

Q.3 (B) Krupa Mills provides following details. Find out labour turnover rate by all Three methods. **(07)**

No. of employees at beginning of May	3672
No. of employees at end of May	2328
During the month:	
No. of employees resigned	125
No. of employees retired	335
No. of employees dismissed	305
No. of employees appointed	300

Among new appointment, 180 employees are appointed due to extension plan.

Q.4 A, B and C are production Depts. And No.1 and No. 2 are service departments Of Modern Machine ltd, calculate Labour Hour rate from the following details: **(14)**

Indirect material	30,000
Rent and taxes	20,000
Indirect Labour	20,000
Power	30,000
Machinery depreciation	50,000
Lighting	1,000
Building depreciation	10,000
General expense	30,000
	1,91,000

Additional information:

Particulars	Production Depts.			Service Depts.	
	A	B	C	1	2
Direct Material	40,000	20,000	38,000	12,000	10,000
Direct Labour	30,000	30,000	8,000	4,000	8,000
Cost of Machines	1,20,000	2,00,000	80,000	50,000	50,000
Space Occupied (sq. ft.)	30,000	20,000	20,000	10,000	20,000
Horse Power	100	120	60	10	10
Lighting Points	30	20	20	10	20
Labour Hours	10,000	10,000	4,000	2,000	4,000

Expenses of service Department are to be distributed as under

Particular	**X**	**Y**	**Z**	**1**	**2**
Service Dept. no.1	40%	20%	30%	-	10%
Service Dept. no.2	30%	30%	40%	-	-

Q-5 **Write a short note (Any Two)** **(14)**

1. Meaning and objects of Cost accounting
2. Difference Between Financial Accounting and Cost Accounting
3. Classification of Cost
4. Merits and Demerits of Cost Accounting

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