

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086
(For candidates admitted during the academic year 2019-20)
SUBJECT CODE: 19BA/MC/CA23
B.B.A. DEGREE END SEMESTER EXAMINATION APRIL 2021
BUSINESS ADMINISTRATION
SECOND SEMESTER

COURSE : MAJOR CORE
PAPER : Cost Accounting
TIME : 90 MINUTES

MAX. MARKS: 50

Section A

Answer all the questions:

(3x2=6)

1. State any two objectives of Cost Accounting.
2. From the following particulars calculate wages under Rowan Plan
Standard Time – 10 hours, Time Rate – Rs.3 per hour, Time Taken – 8 Hours
3. The cost accountant of Y Ltd. has computed labour turnover rates for the quarter ended 31st March 2020 as 5% under Replacement method. If the number of workers replaced during the quarter is 30. Find out the average number of a workers.

Section B

Answer any three questions:

(3x8=24)

4. "Price fixing is the only advantage of Costing data". Do you agree?
5. Mr. Geetha furnishes the following data relating to the manufacture of a standard product during the month of April 2020:
Raw material consumed – Rs.80,000
Direct Labour charges – Rs.48,000
Factory overheads – Rs.32,000
Office overheads – 10% on factory cost
Selling overheads – Re.1.50 per unit
Units Produced – 4,000
Units sold -3,600
Selling price per unit – Rs.50
Prepare cost sheet showing
 - a. Cost per unit
 - b. Profit per unit sold and profit for the period.
6. Show the stores ledger using weighted average method

Date	Particulars
1.01.2020	Purchased 500 units at Rs.2 per unit
10.01.2020	Purchased 300 units at Rs.2.10 per unit
15.01.2020	Issued 600 units
20.01.2020	Purchased 400 units at Rs.2.20 per unit
25.01.2020	Issued 300 units
27.01.2020	Purchased 500 units at Rs.2.10 per unit
31.01.2020	Issued 200 units

7. From the following particulars, calculate the earnings of a worker under.
- Time rate system
 - Piece rate system
 - Halsey plan
 - Rowan plan
- Wag rate Rs.2 per hour
Standard time 80 hours
Actual time taken 50 hours

Section –C

Answer any one question:

(1x20=20)

8. A product passes through 3 processes. The following relate to the 3 processes during September 2019.

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

Total Production Overhead – Rs.18,000

In process I, 1000 units were introduced for Rs.6,000. Production Overhead to be distributed at 100% on wages.

Prepare the Process Accounts and Abnormal Loss and Abnormal Gain Account.

9. In a factory, the following particulars have been extracted for the year ended 31-12-2019. Compute the departmental overhead rate for each of the production departments, assuming that overheads are recovered as a percentage of direct wages:

Particulars	Production Departments			Service Departments	
	A	B	C	X	Y
Direct Wages(Rs)	30,000	45,000	60,000	15,000	30,000
Direct Material (Rs.)	15,000	30,000	30,000	25,000	22,500
Staff (number)	1,500	2,250	2,250	750	750
Electricity(Kwh)	6,000	4,500	3,000	1,500	1,500
Asset value (Rs.)	60,000	40,000	30,000	10,000	10,000
Lights points	10	16	4	6	4
Area (Sq.meters)	150	250	50	50	50

The expenses for the period were:

Particulars	Rs.	Particulars	Rs.
Power	1,100	Depreciation	30,000
Lighting	200	Repairs	6,000
Welfare to staff	3,000	General O.H	12,000
Stores overhead	800	Rent and taxes	550

Apportion the expenses of services dept. Y according to direct wages and those of service dept.X in the ratio of 5:3:2 to the production departments.

