T.Y.B.COM. SEM – V (2014 Course) : WINTER - 2018

SUBJECT : GROUP A : COST & MANAGEMENT ACCOUNTING – III

Day : Wednesday | **W-2018-0373** | Time : 12.00 NOON TO 02.00 PM

Date : 17/10/2018 | Max. Marks : 40

N.B:

1) Solve any **FOUR** questions.
2) Figures to the right indicate **FULL** marks.
3) Use of **CALCULATOR** is allowed.

Q.1 Answer any **TWO** of the following: **(10)**

a) Features of an Ideal Wage Plan

b) Idle time

c) Distinction between Halsey and Rowan Plan

d) Causes of Labour Turnover

Q.2 Calculate the total earnings of the workers 'X' and 'Y' under Halsey Premium Plan and Rowan Premium Plan from the following particulars. **(10)**

Standard time allowed to produce one article : 10 Hours

Hourly rate of Wages : ₹ 1

Actual Time Taken to produce 5 articles:

- X – 45 Hours
- Y – 30 Hours

Q.3 The following particulars related to Domino Ltd., Dombivali, which has three production departments 'A', 'B' and 'C' and two service departments 'X' and 'Y'. The primary distribution summary of March 2018 gives the following details. **(10)**

Production Departments: 'A' – ₹ 6,300. 'B' ₹ 7,400 and 'C' – ₹ 2,800.
Service Departments: 'X' – ₹ 4,500 and 'Y' – ₹ 2,000.
The company decided to charge the service departments cost on the basis of the following percentage.

Service Departments	**Departments**				
	Production			**Service**	
	'A'	**'B'**	**'C'**	'X'	**'Y'**
'X'	40%	30%	20%	–	10%
'Y'	30%	30%	20%	20%	–

Find out the total overheads of production departments charging service department cost to production department on Repeated Distribution Method or Simultaneous Equation Method.

P.T.O.

Q.4 From the following particulars, calculate the Machine Hour Rate for Machine: **(10)**

Particulars	₹
Cost of Machine	1,00,000
Rent and Rates for the shop per month	350
Installation charges	7,500
General lighting for the shop per month	400
Carriage on purchase of machine	2,500
Shop supervisor's salary per month	1,000
Estimated scrap value of machine after 15 years of working life	5,000
Quarterly Insurance Premium	337.50
Repairs and Maintenance per annum	1,000
Power consumption 10 units per hour @ ₹ 10 per 100 units.	

Estimated working hours 2,200 per annum which includes setting-up time of 200 hours. The machine occupies $1/4^{th}$ area of the total area of the shop. The supervisor is expected to devote $1/5^{th}$ of this time for supervising the machine. General lighting charges and rent are to be apportioned in the ratio of floor space occupied.

Q.5 Write short notes on any **TWO** of the following: **(10)**

a) Machine Hour Rate

b) Absorption of Overheads

c) Normal and Abnormal Overtime

d) Behaviour wise classification of Overhead

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