

**Vidya Vikas Mandal's**  
**Shree Damodar College of Commerce & Economics, Margao-Goa**  
**F.Y.B.Com Semester-II, Supplementary Examination, May/June 2018**  
**FC- COST ACCOUNTING (old Course)**

**Duration: 2hrs**

**Max Marks: 80**

Instructions: - 1. Q1 is compulsory  
2. Attempt any 3 questions from Q2 to Q6

**Q1.** From the following information prepare a Statement of Cost for the year ended 31<sup>st</sup> March 2018 : **20**

	Rs.
Opening Stock of Raw Material	4,000
" " " Finished Goods - 400 units	3,200
Purchase of Raw Material	24,000
Direct Wages	20,000
Works Overheads	8,400
Administration Overheads	1,600
Closing Stock of Raw Material	4,400
" " " Finished Goods - 800 units	
Sales	60,000

Selling Expenses are calculated @ 20 Paise per unit sold. Total Production during the year was 6,400 units. Calculate Total Cost and Profit.

**2.** Raj Ltd. Has four departments - A, B, C and D. Following were the costs incurred during a period : **20**

	Rs.		Rs.
Rent	10,000	Supervision	15,000
Repairs to Plant	6,000	Insurance of Stock	5,000
Depreciation of Plant	4,500	Power	9,000
Employees' Insurance	1,500	Lighting	1,200

Following information is available in respect of the four Departments :

	Dept. A	Dept. B	Dept. C	Dept. D .
Area ( Sq. Mtrs.)	1,500	1,100	900	500
Number of Employees	20	15	10	5
Total Wages ( Rs.)	6,000	4,000	3,000	2,000
Value of Plant ( Rs.)	24,000	18,000	12,000	6,000
Value of Stock ( Rs.)	15,000	9,000	6,000	-
H.P.of Plant	24	18	12	6

Prepare a Primary Overhead Distribution Summary and apportion the costs to the various Departments on most suitable basis.

3. A Company has three Production departments and two Service departments. For a period the departmental distribution summary has the following totals : **20**  
Production Departments - P1 - Rs.8,000, P2 - Rs.7,000, P3 - Rs.5,000  
Service Departments - S1 - Rs.2,340, S2 - Rs.3,000

The expenses of the Service Departments are charged on a percentage basis as follows:

	P1	P2	P3	S1	S2
Service Dept S1	20%	40%	30%	-	10%
Service Dept S2	40%	20%	20%	20%	-

Show the Secondary Distribution of Overheads by the Repeated Distribution Method and Simultaneous Equation Method.

4. Calculate Machine Hour Rate from the following information : **20**  
Cost of Machine - Rs. 1,92,000  
Estimated Scrap Value - Rs. 12,000  
Average Repair & Maintenance charges per month - Rs.1,500  
Standing Charges allocated to Machine per month - Rs.500  
Effective working life of Machine - 10,000 hours  
Running time per month - 166 hours  
Power used by Machine - 5 units per hour @ Rs. 1.90 per unit
5. Calculate the earnings of a Worker under Time Rate System, Halsey Premium Plan and Rowan Premium Plan from the following information : **20**  
Standard Time - 75 hours, Actual Time taken - 60 hours, Hourly Rate - Rs.25 per hour.
6. Write short notes on any FOUR of the following : **20**
- a) Non-cost items of Expenses
  - b) Time Rate & Piece Rate System of Wages
  - c) Idle Time
  - d) Overhead Distribution Summary
  - e) Factory Overheads
  - f) Absorption of Overheads
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