Professor Vishwanathan Iyer's

HERAMB COACHING CLASSES

Yogeshwar Tower, Katemanivali, Kalyan (East)

TYBCOM/COSTING MARKS: 30 DUARTION: 1 HOUR DATE: 23.03.2019

NOTE: Q.1 and Q.2 are compulsory.

Attempt any 2 question from Q.3 to Q.5.

Q.1 If variable cost per unit is Rs. 19.20 (60% of the selling price per unit) and fixed cost is Rs. 1,56,032.

Calculate: 1) Profit volume ratio.

2) Break even sales in units.

3) Margin of safety in units when sales is 16,000 units.

4) Sales to earn profit of Rs. 84,096. **(7)**

Q.2 Margin of safety is Rs. 8,00,000 which is 40% of the total sales and profit volume ratio is 30%. From the above,

Calculate: 1) Total sales.

2) Profit on present sales.

3) Sales to earn profit Rs. 3,00,000.

4) Fixed cost. **(7)**

Q.3 Calculate material and labour variance from the following data:

Standard per 10 units –

Materials 60kgs@ Rs. 4 per kg.

Labour 40 hours@ Rs. 4 per hour

Actual production for the month 12,500 units.

Actual material price per kg. Rs.4.50.

Material used during the month 78,000 kg.

Direct labour hours worked 48,000 hours.

Actual wages paid Rs. 1,68,000. **(8)**

Q.4 From the following information calculate:

1) Material usage variance

2) Material price variance

3) Labour efficiency variance

4) Labour rate variance

Standard: For 5 units of production.

Material 30 kg@ RS. 8 per kg.

Labour 20 hours@ RS.8 per hour.

Actual production for the month 24,000 units.

Actual material price per kg Rs. 9.

Material used during the month 1,56,000 kg.

Direct labour hours worked 96,000 hours.

Total wages incurred Rs. 6,72,000. **(8)**

Q.5 UV Ltd. Present the following information for November, 2011:

Budgeted production of product P	200 units
Standard consumption of Raw materials	2 kg per unit of P
Standard price of Material A	Rs. 6 per kg.

Actually, 250 units of P were produced and material A was purchased at Rs.8 per kg, and consumed at 1.8 kg per unit of P. Calculate the material cost variance. **(8)**

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