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# FOURTH SEMESTER M.B.A. DEGREE EXAMINATION, APRIL 2014

(2010 Scheme)

## MBA 4.1-COST AND QUALITY MANAGEMENT

Time: Three Hours

Maximum: 36 Weightage

### Part A

Answer all the questions.

Each question carries 1 weightage.

- 1. Define marginal costing.
- 2. What is historical costing method?
- 3. Define variance analysis.
- 4. What is bench marking?
- 5. What is zero based budget?
- 6. What is the uses of control charts?

 $(6 \times 1 = 6 \text{ weightage})$ 

#### Part B

Answer any six questions.

Each question carries 3 weightage.

- 7. Explain the important elements of cost.
- 8. What is budgetory control? How it is exercised?
- 9. Give a detailed note on quality order.
- 10. Enumerate the assumptions and uses of break even analysis.
- 11. What are the pre-requisites of a good costing system?
- 12. Explain the tools and techniques of material control.
- 13. Bring out the applications of control charts in quality management.
- 14. What is six sigma? Explain the different tools of six sigma.

 $(6 \times 3 = 18 \text{ weightage})$ 

Turn over

### Part C

Answer any two questions.

Each question carries 6 weightage.

15. ABC Ltd, gives a budget for April 2012

Rs.

Works overhead fixed ... 60,000

Works overhead variable ... 1,60,000

Normal activity ... 100%

During the period the actual activity was only 70% of the normal lead for a total expenditure of Rs. 1,60,000. What are the budget and volume variance?

16. Antrax Ltd, gives the following information:

Rs.

Sales (4,000 units at Rs. 25 each) ... 1,00,000

Variable cost ... 72,000

Fixed expenses ... 16,800

Calculate: (a) p/v ratio; (b) Break even point; (c) Margin of safety. It is proposed to reduce the selling price by 20%. What additional units should be sold to obtain the same amount of profit?

 Critically examine the process of ISO certification as a quality standard and cost reduction technique.

 $(2 \times 6 = 12 \text{ weightage})$