

THE OPEN UNIVERSITY OF SRI LANKA
BACHELOR OF MANAGEMENT STUDIES DEGREE PROGRAMME
LEVEL 04
ASSIGNMENT TEST -2008
OPERATIONS MANAGEMENT – MCU 2205
DURATION: TWO (02) HOURS



DATE: 30.08.2008

TIME: 2.00 p. m – 4.00 p. m

INSTRUCTIONS

- Answer any three (03) questions.
- All questions will carry equal marks.

Q1)

- I. “Operations Management is important not just for organizations but for the whole nation”.
Explain the importance of operations management in the current business arena.
- II. Select any product or service familiar to you and say how the operations system works to produce that particular product or service. Use necessary illustrations in support of your answer.

Q2)

- I. “Different production systems are applied in different manufacturing organizations to produce goods and services”.
Identify types production systems/manufacturing systems you can observe in environment. State examples for your answer from the Sri Lankan manufacturing experiences.
- II. Explain the role of operations strategy in business organizations? And identify different strategic options available to a manufacturer to compete in the business.

Q3)

- I. “Product as well as service oriented organizations are striving to maximize their productivity”. Assume that you’re a banker and recommend the ways of increasing productivity of Sri Lankan Banks.
- II. In ALNA Soft drinks manufacturing company, their daily production is 800 bottles of Soft drinks.
The worth raw materials consumed per each bottle of soft dinks is 10/=.
They employ 20 workers for 8 hours per day. The hourly rate for each employee is 50/=. Further they incur 20 units of electricity per day for this production. The cost of electricity per unit is 15/=. Other production overhead per day is 200/=.

From the above information, find out the following for ALNA soft drinks manufacturers

- a) The cost per bottle of soft drinks
- b) If the company sets the profit margin of 25 % on the total production cost calculate the selling price per bottle of soft drinks.
- c) Calculate partial, multi factor and total factor productivity measures.

Q4)

Write short notes to any four (4) from the following

- a) Influence of Japanese management in Operations Management
- b) Open System
- c) Degree of Standardization
- d) Just in Time (JIT) production
- e) Waste management system