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B.E/B.Tech. (FT) DEGREE END SEMESTER EXAMINATION APRIL/MAY 2012

INDUSTRIAL ENGINEERING BRANCH

VIII SEMESTER- (REGULATION 2004)

IE510 –PRODUCTIVITY MANAGEMENT AND RE-ENGINEERING

Answer All Questions

PART 'A' (10 x 2 = 20 Mark)

1. What is productivity?
2. Draw the block diagram of productivity cycle
3. What is the productivity measures used at the National level?
4. List any four causes of productivity decline in companies.
5. Write the difference between industrial engineer and productivity engineer.
6. What is productivity audit?
7. What are the factors influence organizations?
8. Differentiate between LMICIP model and NPRDC model.
9. What is business process?
10. Write any two points "Need for process Redesign"

PART – B (5 X 16 = 80 marks)

11.) Discuss productivity improvement factors.

12 a) Explain the different methods of measuring unit labour costs and explain the factors concerned with the unit labour cost in the international comparison.

(OR)

12 b) i) Explain the Kendrick-creamer model for measuring productivity. (8)

ii) Comment about Craig-Harries model for measuring productivity. (8)

13a) What is productivity planning? Explain the short term and long term productivity planning.

(OR)

13 How the productivity improvement takes place based on technology, material and employee.