

**Savitribai Phule Pune University**  
(Formerly University of Pune)  
**Department of Management Sciences (PUMBA)**  
**Executive MBA**  
**2<sup>nd</sup> Year (Semester –III) External Exam November – 2015**  
**305(D) Quality & Technology Mgmt.**

**Time: 2hrs.**

**Marks: 50**

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- **Answer any 2 questions in each Part.**
- **Limit your answers to 300 words, using diagrams, charts and tables.**
- **All questions carry equal marks: Total 50 marks @ 25 marks per Part.**

**Part A (Quality Management)**

- Q1** Explain, with appropriate examples, the principle of “Cost of (Non) quality” in TQM?
- Q2** Why is the “5S” approach a ‘foundation concept’ to many higher order tools?
- Q3** Write short explanatory notes on any 2 of the following:
- i. Six Sigma methodology
  - ii. Importance and need for Inspection
  - iii. “Kiazen” Philosophy

**Part B (Technology Management)**

- Q1** What would you consider to be “Disruptive Technology”? Explain your answer.
- Q2** Is the Technology driven by Science alone? Explain your response.
- Q3** Write short explanatory notes on **any 2** of the following:
- a. CMM model
  - b. The R & D Continuum
  - c. Concurrent Engineering