

K.J. Somaiya Institute of Management Studies & Research  
MMS / PGDM (OPRN) – IV TRIM  
Operations Planning & Control

Date :12/09/2017

Time : 3 Hours

Marks : 50

- 1) Write short notes on: (10)
    - a) Standard Operations Planning Process and the elements involved in the process.
    - b) Concept of EOQ and the assumptions therein.
    - c) Concept of FMS and its advantages and disadvantages
    - d) Concept of Benchmarking and the ideal process to be followed for Benchmarking.
    - e) Conventional NPD Process.
  
  - 1) Explain in detail some of the new emerging technologies which could make the traditional OPC process redundant in future. (5)
  
  - 3) Most of the Manufacturing Companies are moving out the manufacturing plants out of metros and moving to tier II and tier III cities. State the reasons thereof and what factors need to be considered to select the best location for the new set-up? Having selected the location, how does the project manager go about preparing the layout and other requirements for starting manufacturing? (10)
  
  - 4) How does an Organization take decisions on Make vs Buy? Illustrate your reasoning taking an example of any FMCG company. (5)
  
  - 5) You have been nominated by your Organization to make a trip to Japan to learn and understand their various systems and processes which have given them a leading edge in best in class manufacturing. Detail out these systems and how you would adapt them into your Organization. (10)
  
  - 6) Explain in detail the Demand Management Process and what are the benefits of adopting a sound Demand Management process. What are the likely consequences of "Supply – Demand" misalignment? (5)
  
  - 7) Explain in detail all the factors one should consider while selecting a machine/process for his organization. (5)
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