

**SVKM's NMIMS**  
**NMIMS – GLOBAL ACCESS SCHOOL FOR CONTINUING EDUCATION**

Programme: DSCM/PGDSCM

Examination: June 2017  
Subject: Operations Management

Semester: II  
Course : New  
Marks : 70  
Time: 11.00 a.m. to 2.00 p.m.

Date: 19.06.2017

**Instructions:**

1. Answer to each new question to be started on a fresh page.
2. Figures in bracket indicate full marks.

**Q.1) Attempt any 2 out of 4** **(Marks: 2X5=10)**

- a) How important is the interface of Human Resources with Operation Management?
- b) Describe location analysis using least cost method.
- c) State the advantages and disadvantages of process layout.
- d) List out the difference between fixed order quantity and fixed time period.

**Q.2) Write Short Notes on any 2 out of 5** **(Marks: 2X5=10)**

- a) Automation
- b) Joint Venture
- c) Limitations of product layout
- d) Assumptions of EOQ model
- e) Product life cycle

**Q.3) Attempt any 3 out of 5** **(Marks: 3X10=30)**

- a) How does Design for Manufacturability (DFM) work?
- b) Types of production system.
- c) Compare fixed layout and cellular layout with respect to the following factors:-  
Product, Process, Arrangement of facilities. Inventory and Material handling.
- d) Explain Inventory and different types of Inventory.
- e) What are the building blocks of TQM?

**Q.4) Attempt both the questions** **(Marks: 2X10=20)**

- a) Describe the four core business processes in Value driven approach.
- b) Compare goods, services and contracts with respect to different operation factors.