

Total No. of Questions :5]

**PE12124**

[6551]-835

**S.Y.M.B.A.**

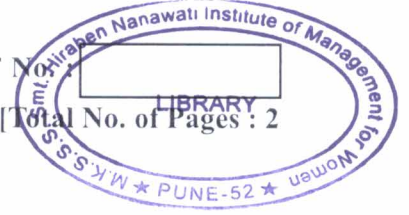
**OPERATIONS & SUPPLY CHAIN MANAGEMENT**

**OSCM-611-MJ-SE: Productivity Management**

**(2024 Pattern) (Semester-III)**

SEAT No.

[Total No. of Pages : 2



*Time : 2½ Hours]*

*[Max. Marks : 50*

*Instructions to the candidates:*

- 1) *Answer all questions.*
- 2) *All questions carry equal marks.*
- 3) *Figures to the right indicate full marks.*

**Q1) Answer any 05 out of 08**

**[10]**

- a) Define productivity index.
- b) How does technology influence productivity?
- c) What is multi-factor productivity?
- d) What is the objective of value Engineering in manufacturing?
- e) What is an operation process chart?
- f) Who are the pioneers of work measurement?
- g) Why is standard time important for production planning?
- h) Mention any two benefits of 5S implementation.

**Q2) Answer any 02 out of 03**

**[10]**

- a) Explain tools used for productivity improvement.
- b) Explain how Value Engineering supports service productivity.
- c) Explain the importance of motion study in productivity management.

**Q3) Answer any 01 out of 02**

**[10]**

- a) Explain productivity measurement techniques and their managerial relevance.

**OR**

- b) Explain the linkage between productivity, cost reduction, and competitiveness.

**P.T.O.**

**Q4)** Answer any 01 out of 02

**[10]**

- a) Explain Value Engineering job plan and its impact on productivity.

OR

- b) Explain work study techniques with suitable diagrams used for productivity analysis.

**Q5)** Answer any 01 out of 02

**[10]**

- a) Explain different techniques of work measurement and their suitability.

OR

- b) Explain the role of modern productivity techniques in service level enhancement.

