

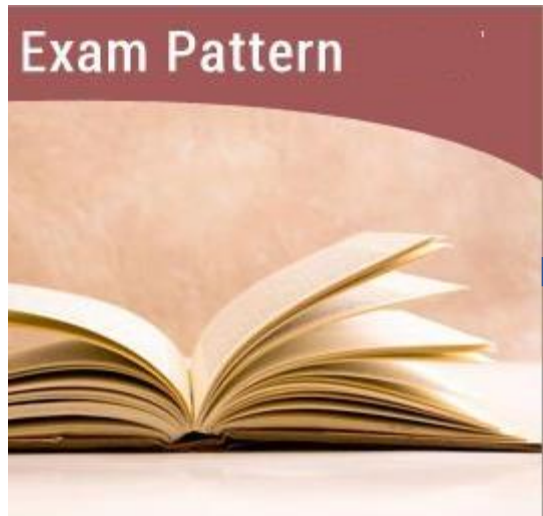


Group2

Paper 9

OPERATIONS MANAGEMENT & STRATEGIC
MANAGEMENT





TOTAL

9 questions
1-5 OM
6-9 SM

Q. 1 (22 marks)

Compulsory

Theory

- 10 MCQ;
- 6 matching;
- 6 True/false

Q. 2 – 5
Attempt 3 q
Q. 2 (6T + 10P)
Q. 3. (16T)
Q. 4. (16P)
Q. 5 (16P)

Q. 6 (6T) (Compulsory)

Q. 7 – 9
Attempt any two
(!2 marks each)
(T)

Operations management



70 MARKS



Total – 7 study notes



INTRODUCTION

- Operations management – Introduction
- Production management vs operation management
- Characteristic of modern operation function
- Recent trends in production/operations management



Operations planning

- Demand forecasting
- Capacity planning
- Capacity requirement

- Facility location
- Facility layout

- Resource aggregate planning
- Material requirement planning
- Manufacturing resource planning
- Enterprise resource planning

Economic batch quantity



Designing of operational system and control

- **Product design**
- **Process design & selection**
- **Process planning**
- **Product life cycle**
- **Process selection**

4

Production planning and control

- Production planning and control – Introduction
- Time study, work study, method study & job evaluation
- Job allocation – assignment technique
- Scheduling
- Queuing models
- Simulation
- Line balancing
- Lean operations
- Just-in-time (JIT)
- Transportation model
- Linear programming technique



**Productivity
management and quality
management**

Operating costing

- **Measurement technique of productivity index**
- **TQM basic tools and certification**
- **ISO standards basics**



Project management

- **Project planning**
- **Gantt charts**
- **PERT and CPM**

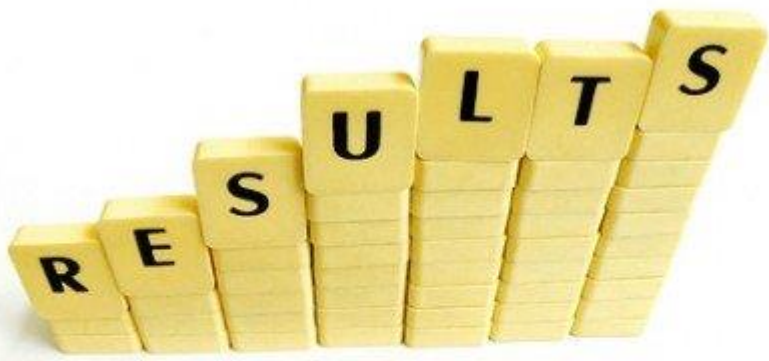


Economics of maintenance and spares management

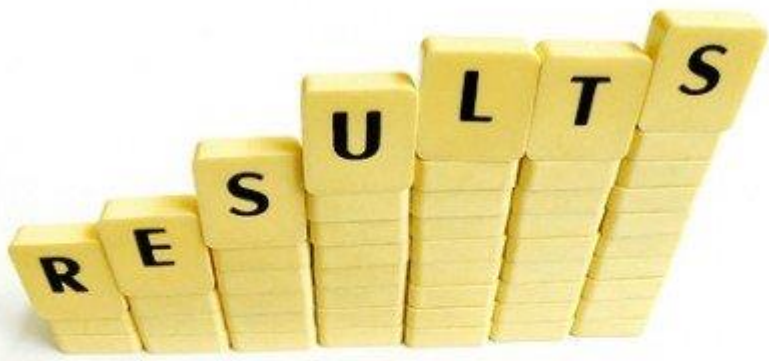
- Breakdown maintenance
- Preventive maintenance
- Routine maintenance
- Replacement of machine
- Spare parts management



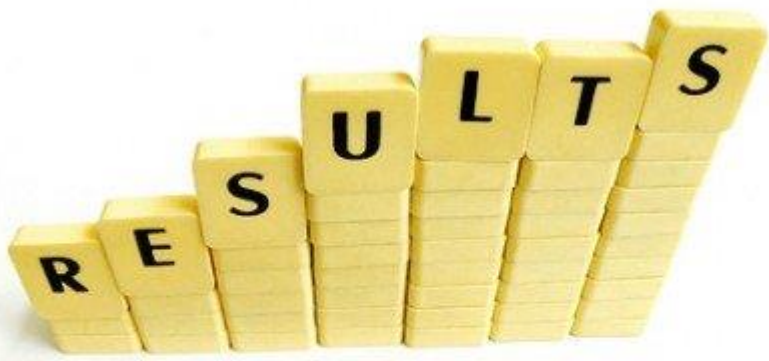
STUDENT NAME	MARKS
AASTHA JUNEJA	95 (35 TH RANK)
Vibhav	92
Dheemant	86
Rupal	85
YASMEEN	84
Harshit	83
Anita	82
Vibhav	80
CHARU GUPTA	80
JYOTI GUPTA	80
ANJU	79
Vibhav	78
Rajinder	76
PAWAN SHARMA	75
SONAM GARODIA	75



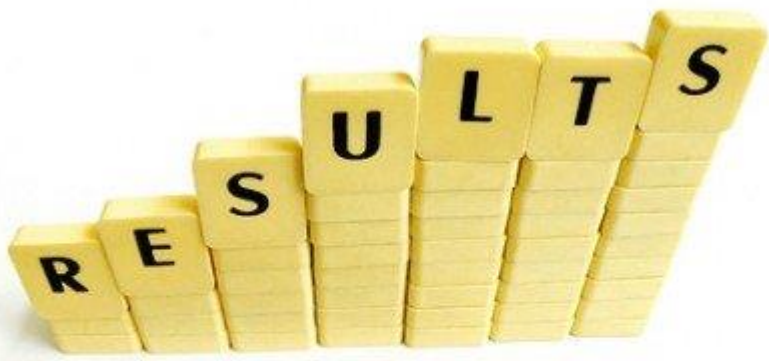
Naina	74
Kanika	74
Pooja	74
Sanchit	73
Sonika	73
Dheemant	73
SAKSHI	73
Sakshi	72
Arun	72
ROHIT CHAUHAN	71
Deepak jain	70
MANI MALIK	68 (ROLL NO. 378881)
Sumit	68
Tanya Singh	68
Devansh	67



FARHA	66
ANUMITA BHALLA	66
NEHAL	66
PRIYA	66
Chander mandal	66
Yogesh	66
Anshu	66
Sumit	66
Anurag	66
Devansh	65
JYOTSNA	65
Prachi	65
SHREYA	65
Sakshi	65
Vivek	65



Aashish	65
Anjali	65
Yasmin	65
Anurag	64
Bhavna	64
Anjali	64
VINAYAK	64
Akanksha	61 (509427)
AYUSH JAIN	63
Nishit	63 (21 st Rank)
Pratibha	63
JITENDRA	63
SILKY	62
RUPIN	62
ANKIT	62



**FIRST ROW IS WAITING FOR YOUR NAME
WISHING YOU ALL THE BEST.....**

Sakshi	62
Atul	62
SWETA SHARMA	62
UDAY JANGRA	61 (ROLL NO. 378909)
RESHMI	61
KAVISH	61
Karishma	61
Nikita	61
Shefali sharma	61
Soni Jain	61
Aashish	61
PRADEEP	61
POONAM	60
VISHAL	60
Mukul	60 (Roll No. 509420)
Tanya	60 (Roll No. 509438)
Muskan	60 (4th rank)