

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

**CLASS: MBA
BRANCH: MANAGEMENT**

**SEMESTER : IIIrd
SESSION : MO/2025**

SUBJECT: MT533 OPEARTIONS STRATEGY & SUPPLY CHAIN MANAGEMENT

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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	CO	BL
Q.1(a) Managing Operation in Emerging Markets are far more complex and risky than they may seem. Explain	[5]	4
Q.1(b) What are the different types of Operations Strategies? Explain.	[5]	2
Q.2(a) Identify different types of processes based on product volume and product standardization and explain the same with examples.	[5]	2
Q.2(b) Explain all the phases associated with Six Sigma Process of the DMAIC and DMADV methodologies.	[5]	2
Q.3 Identify all the seven quality control (7-QC) tools, and illustrate all of these with diagrammatic representation.	[10]	2
Q.4(a) What is Risk Pooling in Supply Chain Management and how Supply Chain Risk Pooling Works ?	[5]	2
Q.4(b) What are the leading supply chain risks that are being talked about today globally ? Explain at least ten of these risks.	[5]	2
Write short notes on followings ...		
Q.5(a) Newsvendor model	[5]	2
Q.5(b) Supply Chain Collaboration	[5]	2

:20/11/2025:E