

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

**CLASS: BBA
BRANCH: BBA**

**SEMESTER : V/ADD
SESSION : MO/2025**

SUBJECT: MN302 INTRODUCTION TO MATERIALS MANAGEMENT & PRODUCTION 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)	How materials play a vital role in Production Management Process? Explain in detail.	[5]	1 2
Q.1(b)	Explain the scientific concept of Integrated Approach to Materials Management very clearly.	[5]	1 2
Q.2(a)	Explain clearly how stores are going to be established in big and small industries?	[5]	2 2
Q.2(b)	A manufacturer uses 2200 units of a component every year and he buys them entirely from outside supplier. The order placing and receiving cost is Rs. 120 and annual carrying cost per unit is Rs. 15. Calculate EOQ from this set of data.	[5]	2 3
Q.3(a)	Explain the concept and application of ABC analysis with certain examples related to industries.	[5]	3 3
Q.3(b)	What is the concept of Value-Analysis? What are its types? Explain in detail.	[5]	3 2
Q.4(a)	Plant location decision is a highly challenging task for an entrepreneur. Explain in detail with examples.	[5]	4 3
Q.4(b)	What do you mean by Plant Layout? What are its various types? Explain properly.	[5]	4 2
Q.5(a)	What is the importance of Production Control and what are its different benefits in production process?	[5]	5 4
Q.5(b)	What do you mean by Production Planning System? Give its detailed idea related to a manufacturing system.	[5]	5 2

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