

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

**CLASS: BTECH
BRANCH: CHEM & CHEM P&P**

**SEMESTER: VII
SESSION: MO/2023**

SUBJECT: CL425 PLASTIC PACKAGING TECHNOLOGY

TIME: 2 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 25.
 2. Candidates attempt for all 25 marks.
 3. Before attempting the question paper, be sure that you have got the correct question paper.
 4. The missing data, if any, may be assumed suitably.
 5. Tables/Data handbook/Graph paper etc. to be supplied to the candidates in the examination hall.
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Q1	Discuss the functions of packaging.	[5]	CO CO1	BL BL2
Q2	Discuss the main factors to be considered in the selection of color for packaging applications.	[5]	CO1	BL1
Q3	Discuss the different types of raw materials used for the making of metal can.	[5]	CO3	BL2
Q4	Discuss the concept of Reuse, Recycle, Reduction (RRR) in glass containers.	[5]	CO4	BL2
Q5	Discuss the fiber source and fiber separation in Paper and Paperboard packaging with a neat sketch.	[5]	CO3	BL2

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