

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

**CLASS: BTECH  
BRANCH: EEE/ECE**

**SEMESTER : IV  
SESSION : SP/2025**

**SUBJECT: IT261 OBJECT ORIENTED PROGRAMMING CONCEPT**

**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) What do you know about memory concepts in java?	[5]	
Q.1(b) What is class and object?	[5]	
Q.2(a) What is method overloading? explain with example.	[5]	
Q.2(b) What is static method? explain with example	[5]	
Q.3(a) What is Inheritance?	[5]	
Q.3(b) What is garbage collection? explain	[5]	
Q.4(a) What is exception? explain	[5]	
Q.4(b) What is multiple catch block? explain with example	[5]	
Q.5(a) What is String and StringBuilder class ?	[5]	
Q.5(b) What is threading?	[5]	

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