

ACADEMIC YEAR 2025– 2026 (ODD SEMESTER)

Course Code / Name: 23CST205 - Object Oriented Programming Using Java

Semester : II

Faculty Name with Designation : Mrs. Kalaivani K, AP/CSCST

UNIT 5

IO STREAMS AND JAVASCRIPT

S.NO	Question	Blooms Level	Company Map	Marks
1	Define IO Streams in Java.	Remembering	Infosys	2
2	What is Console Operation?	Understanding	TCS	2
3	What is File Operation in Java?	Remembering	Wipro	2
4	Define Object Serialization.	Understanding	IBM	2
5	What is JavaScript?	Remembering	Cognizant	2
6	Explain JavaScript functions.	Understanding	Capgemini	2
7	What are JavaScript objects?	Remembering	Amazon	2
8	What is JavaScript validation?	Understanding	Oracle	2
9	Define JDBC Connectivity.	Remembering	Infosys	2
10	List JDBC components.	Understanding	Microsoft	2

Part B – 13 Mark Questions (Applying & Analyzing)				
1.	Demonstrate file handling operations in Java with example.	Applying	TCS, Infosys	13
2.	Explain object serialization and deserialization with a suitable example.	Analyzing	Amazon	13
3.	Develop JavaScript validation for a registration form.	Analyzing	Google, Microsoft	13
4.	Analyze JavaScript objects and functions using real-time examples.	Applying	HDFC, Capgemini	13
5.	Explain JDBC architecture and database connection with examples.	Analyzing	Oracle	13
6.	Create a GUI application using JDBC connectivity.	Applying	Flipkart, IBM	13
Part C – Case Study / Advanced Analytical Questions				
7.	Design a student database system using JDBC for inserting and retrieving records.	Analyzing	Ola, Uber	15
8.	Case Study: Develop a login form using JavaScript validation and database verification.	Analyzing	Amazon, Paytm	15
9.	Analyze file transfer operations (copy and move) in a cloud storage system.	Analyzing	Microsoft, IBM	15

10.	Design an employee payroll management system using file handling and JDBC connectivity.	Analyzing	Practo, Apollo	15
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