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|  | **ABES Engineering College, Ghaziabad**  **Department of Computer Science** |  |

**Session: 2023-24 Semester: 4th Section: A, B, C, D**

**Course Code: BCS 403 Course Name: Object Oriented Programming with Java**

**Assignment 2**

**Date of Assignment: 13.05.2024 Date of submission: 26.05.2024**

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| **S.No.** | **Question** | **KL, CO** |
| 1 | What is the idea behind exception handling in Java? | K2, CO2 |
| 2 | Explain the types of exceptions in Java. | K2, CO2 |
| 3 | Explain the use of try, catch, and finally blocks in exception handling. | K2, CO2 |
| 4. | When and why would you use the throw keyword? | K2, CO2 |
| 5. | What are byte streams and character streams in Java? | K2, CO2 |
| 6 | What is a thread in Java? Explain the life cycle of a thread. | K2, CO2 |
| 7 | What is inter-thread communication and why is it necessary? | K2, CO2 |
| 8 | Describe the process of reading a file using character streams. | K2, CO2 |
| 9 | What are thread priorities and how are they set? | K1, CO2 |
| 10 | Differentiate between in-built and user-defined exceptions | K2, CO2 |