Subject: Project Based Learning in Java Subject Code: 20CST-319/ 20ITT-319 Semester: 5th Batch: 2020 Assignment -3

**Last date of Submission: 08** Nov., 2022 **Total Marks:** 10 (2 Questions of 2.5

marks , 1 Question of 5 marks)

\*Note: Every student needs to submit assignment as per the allotted set mentioned in attached PDF.

**Set – 1**

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| 1. | Write a servlet to display “My First Servlet program” on browser. | 2.5  marks |
| 2. | Write a JSP program which when invoked will print today’s date and time. [Hint: Use JSP expressions here] | 2.5  marks |
| 3. | Diagrammatically explain the Servlet Life Cycle. | 5 marks |

**Set – 2**

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| 1. | Elaborate the purpose of RequestDispatcher Interface? | 2.5  marks |
| 2. | What is the difference between Servlet Request and Servlet Context when calling a Request Dispatcher? | 2.5  marks |
| 3. | Write a jsp program that prints a table with numbers and their corresponding factorial values. | 5 marks |

**Set – 3**

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| 1. | With appropriate example mention the difference between web server and application server? | 2.5  marks |
| 2. | What are the JSP implicit objects? | 2.5  marks |
| 3. | What is DTD? How can you apply a DTD to an XML document? | 5 marks |