

**B.Sc. (I. T.) Sem. - IV (2011 Course) : WINTER - 2018**  
**SUBJECT-ADVANCED JAVA**

Date: Saturday  
Day: 01/12/2018

Time: 10.00 am to 12.00 Noon  
Max. Marks: 40

**W-2018-1107**

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**N.B.:**

- 1) Attempt **ANY FIVE** Full Questions.
  - 2) Figures to the right, indicate **FULL MARKS**.
  - 3) Draw neat, labeled diagrams and provide code snippet details, **WHEREVER** necessary.
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- Q.1** a) Define Multiprocessing? What is difference between Multiprocessing and Multitasking? (04)
- b) What is Thread? How will you create a Multithreaded Application in Java? (04)
- Q.2** Describe MVC architecture in Swings and explain it with example? (08)
- Q.3** a) What is JDBC? Define the different types of JDBC Drivers? (04)
- b) Define ResultSet? How can we change the property of ResultSet? (04)
- Q.4** What is Servlet? Define its Life Cycle and its methods in detail. (08)
- Q.5** Define Action Tags in JSP and Explain ANY FOUR of them with an Example. (08)
- Q.6** Explain the Hierarchy of Collection Interface with and example. (08)
- Q.7** Explain the working of <jsp:usebean> tag using a code snippet example. (08)

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