

**B.SC. (I. T.) SEM. - IV (2011 COURSE) : WINTER - 2017**

**SUBJECT : ADVANCED JAVA**

Day : **Wednesday**  
Date : **27/12/2017**

Time : **02.30 pm to 04.30 pm**  
Max. Marks : 40

**W-2017-0876**

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**N.B.:**

- 1) Attempt **ANY FIVE** questions.
  - 2) Figures to the right indicate **FULL** marks.
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- Q.1** a) Write a program for creating a thread and putting it to sleep. [04]  
b) Explain HTTP Servlet request and response mechanism, with code snippet example. [04]
- Q.2** a) Explain the difference between doGet () and doPost () methods of a servlet. [04]  
b) Differentiate between JSP and Servlet. [04]
- Q.3** a) Explain ArrayList and HashMap, using code snippet example. [04]  
b) Explain different JSP tags with example. [04]
- Q.4** How do we set priorities for thread? Explain in detail with example. [08]
- Q.5** Explain a web page for online Bus Reservation and print all the information on page. [08]
- Q.6** Explain JDBC architecture with diagram. Explain the four types of JDBC drivers with example. [08]
- Q.7** Write short note on the following: [08]  
a) Event listeners in AWT / Swings  
b) Deployment descriptor in web application

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