

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

SUBJECT: BUSINESS APPLICATION DEVELOPMENT USING EJB, STRUTS

Day: **Tuesday**
Date: **19/12/2017**

W-2017-0880

Time: **02.30 PM TO 04.30 PM**
Max. Marks: 40

N.B.:

- 1) Attempt any **FIVE** questions out of **SEVEN**.
 - 2) Figures to the right indicate **FULL** marks.
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- Q.1** Explain the concept of ORM. Explain the steps of developing a Hibernate application. **[08]**
- Q.2** Write a note on RMI. Explain with a neat diagram and code snippet. **[08]**
- Q.3** Explain session tracking mechanism and its various ways for implementation. **[08]**
- Q.4** Differentiate between entity bean and session bean. Explain the steps to create Entity Bean. **[08]**
- Q.5** Write a note on tag libraries used in Struts with four tags in each. **[08]**
- Q.6** Enlist the Implicit Objects in JSP and explain them. **[08]**
- Q.7 a)** List and explain the components of the Struts framework. **[04]**
- b)** Describe the functions and usage of Request Dispatcher Interface. **[04]**

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