

B.SC. (I. T.) SEM. - VI (2011 COURSE) : SUMMER - 2018

SUBJECT: BUSINESS APPLICATION DEVELOPMENT USING EJB, STRUTS

Day : **Saturday**
Date : **19/05/2018**

S-2018-0987

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

N.B.:

- 1) Attempt **ANY FIVE** questions.
 - 2) Figures to the right indicate **FULL** marks.
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- Q.1** Explain the concept of RPC in software programming. Explain the RMI package of Java and its features. **[08]**
- Q.2** Describe the pros and cons of Stateless versus Stateful session bean. Give one application example for each. **[08]**
- Q.3** List and explain the contents and usage of configuration files involved in a Struts applications. **[08]**
- Q.4** Write a note on RequestDispatcher interface. Demonstrate its usage, with a Java program example. **[08]**
- Q.5** Explain the difference between session and cookies. Also explain HTTP request and response, session and context objects used in Servlet. **[08]**
- Q.6** Describe the concept of SOAP. Explain a scenario for passing an object using SOAP Request / Response. **[08]**
- Q.7** Create two tables having parent and child relationship. Create hibernate-related mapping file and configure the tables in hibernate-cfg.xml. Explain the procedure of application development and execution? List assumptions, if any. **[08]**

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