Examination	: Third Sessional	**Seat No.**	:
Date	: 08/10/2014	**Day**	: Wednesday
Time	: 1:00 to 2:15	**Max. Marks**	: 36

INSTRUCTIONS:
1. Figures to the right indicate maximum marks for that question.
2. The symbols used carry their usual meanings.
3. Assume suitable data, if required & mention them clearly.
4. Draw neat sketches wherever necessary.

Q.1 **Do as directed**.
   (a) What is 401 (SC_UNAUTHORIZED) status code? Describe its use. [2]
   (b) Write difference between using sendRedirect () and forward () method of Request [2]
      Dispatcher.
   (c) Draw life-cycle of SimpleTag? [2]
   (d) Draw lifecycle of Stateful SessionBean. [2]
   (e) Explain methods of EJBHome and EJBbject interfaces. [2]
   (f) Explain how a client invokes EJB. [2]

Q.2 Attempt *Any Three* from the following questions.
   (a) Draw and discuss life-cycle of IterationTag. [4]
   (b) What is the difference between servlet config and servlet context? Explain with example [4]
      use of init parameter and context parameter.
   (c) Implement capital tag using BodyTagSupport. The tag capitalizes the all letters of text, [4]
      which are passed as tag body. Write tag-handler and TLD files.
   (d) Explain and write the configuration in web.xml file for: session configuration, loading [4]
      servlet on start-up, and error pages.

Q.3 Attempt following questions.
   (a) Create and use CMP entity bean to model Employee database table. The Employee has [6]
      emp ID, name, and salary. The bean Provides facility of searching employee based on
      his/her name, and display searched result on console.
   (b) What is EJB? Explain the architecture of EJB? [6]
OR
Q.3 Attempt following questions.
   (a) Explain life cycle of Entity Bean in detail. Also differentiate different types of Entity [6]
      Bean.
   (b) Explain: Stateful and Stateless SessionBean. Explain container call backs of [6]
      SessionBean.