

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086**  
(For candidates admitted during the academic year 2011 – 12 and thereafter)

**SUBJECT CODE: 11CS/PC/AJ34**

**M.Sc. DEGREE EXAMINATION, NOVEMBER 2013**  
**INFORMATION TECHNOLOGY**  
**THIRD SEMESTER**

**COURSE : MAJOR CORE**  
**PAPER : ADVANCED PROGRAMMING – J2EE**  
**TIME : 90 MINUTES**

**MAX. MARKS: 50**

**SECTION – A**

**Answer all the following**

**(5x2=10)**

1. What are the characteristics of J2EE?
2. Compare Static and Dynamic text.
3. Define JNDI.
4. Define Persistence.
5. What are the various J2EE components in Presentation Layer?

**SECTION – B**

**Answer any FOUR**

**(4x5=20)**

6. Explain life cycle of a servlet.
7. Discuss on JSP page directives.
8. Compare Stateful and Stateless session beans.
9. Explain how to access entities in the persistence context.
10. Briefly explain how the requirements are scoped into business logic tier.
11. Explain the JNDI architecture in detail.

**SECTION – C**

**Answer any TWO:**

**(2x10=20)**

12. Explain about Session Tracking.
13. Write a JSP script for validating the Username and Password of a Login Page.
14. Explain the Lifecycle of a Stateful Session Beans.

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