

Thursday, February 21, 2013
11:27 AM



AK-2010249

Seat No. 50632

B. C. A. (Sem. V) Examination
October/November - 2010
Advanced Java Programming

Time : 3 Hours]

[Total Marks : 100

- 1 ✓ Attempt the following : 20
- (i) Explain N-Tier Architecture,
 - (ii) Explain - stub and skeleton.
 - (iii) Write a note on Database Meta Data.
 - (iv) Explain with example the Generic Servlet class.
- 2 Attempt any four: 20
- (i) Write a note on tomcat web container.
 - (ii) Explain J2EE platform in detail.
 - (iii) Explain Servlet Exception class.
 - (iv) Write a note on J2EE APIs.
 - (v) Explain : Prepared statement.
- 3 Attempt any two: 20
- (i) Explain in detail the RMI Architecture.
 - (ii) Explain Servlet Lifecycle. Outline the main features of the Servlet.
 - (iii) Write a program which exchanges two information between two servlets:
UserID
UserName
- 4 Explain the following with example : (any four) 20
- (i) doPost() method
 - (ii) Callable statement
 - ✓(iii) Include Action in JSP
 - ✓(iv) <jsp:param>tag
 - ✓(v) Page Directive of JSP.

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[Contd...

5 Attempt any four :

20

- (i) Explain error handling in JSP with example.
- (ii) Write a program to create a cookie in JSP/Servlets that allows user to make the choice of the background color of his web page from the following :
 - Cyan
 - Navy Blue
 - Gray
- (iii) Explain JSP Architecture.
- (iv) Write a short note on EL operators.
- (v) List various core tags. Explain any one with example.