

2E8905

Roll No. : _____

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M.Tech. (Sem. II) (Back) Examination, October - 2009
(Computer Science & Engg.)
10CPC26 - Java Enterprise Systems

Time : 3 Hours]

[Total Marks : 80

[Min. Passing Marks : 27

Attempt any five questions. Marks of questions are indicated against each question. Draw neat and comprehensive sketches wherever necessary to clearly illustrate your answer. Assume missing data suitably if any and specify the same.

Use of following supporting material is permitted during examination.
 (Mentioned in form No. 205)

1. _____ Nil

2. _____ Nil

- ✓ 1. Discuss general assurance process. What problems are associated with assurance and how these are evaluated ?

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- ✓ 2. Explain following architectures :
 ✓ (a) Java security architecture
 ✓ (b) Class loader architecture.

8+8

- ✓ 3. ✓ (a) Discuss CORBA security packages with CORBA security delegation.
 ✓ (b) Explain how JSP is more secure than Java Servlets.

8+8

- ✓ 4. ✓ (a) What problems are faced by web browser for security and what solutions can be provided to remove them.
 (b) Discuss pros and cons of CGI.

8+8

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[Contd...

- 5 (a) What are xpointers ?
(b) Discuss SAX architecture and SAX application handler interface.

8+8

- ✓ 6 ✓ (a) Explain CORBA components.
(b) What different types of standard actions are taken by JSP ?

8+8

- 7 (a) Discuss features of EJB. Differentiate session Beans and Entity beans.
(b) Explain EJB security.

8+8

- 8 (a) Explain all the types of Entity possible in XML.
(b) Discuss Layers in J2EE objects model.

8+8