

Code No: R05321203

**R05**

**Set No. 2**

**III B.Tech II Semester Examinations, December 2010**  
**MIDDLEWARE TECHNOLOGIES**  
**Information Technology**

**Time: 3 hours**

**Max Marks: 80**

**Answer any FIVE Questions**  
**All Questions carry equal marks**

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1. How XML web services make use of SOAP protocol to ensure interoperability between different platforms. [16]
2. (a) Distinguish Applets and Beans.  
(b) What is meant by component packaging. [8+8]
3. (a) What is Distributed CORBA object?  
(b) What is IDL in the context of CORBA? [8+8]
4. What does Java offer CORBA and CORBA offer Java. [16]
5. What are the components of an assembly structure? How do you organize them? Explain them. [16]
6. Discuss about different types of Enterprise Java Beans. [16]
7. Explain the process of object activation using activation policy of your choice. [16]
8. (a) What is Scalability? What are the limitations of scalability in Client/Server environment.  
(b) Why availability of Client/Server environment is better than in mainframe.  
(c) What is the relation between availability and reliability? [6+5+5]

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Code No: R05321203

**R05**

**Set No. 4**

**III B.Tech II Semester Examinations, December 2010**  
**MIDDLEWARE TECHNOLOGIES**  
**Information Technology**

**Time: 3 hours**

**Max Marks: 80**

**Answer any FIVE Questions**  
**All Questions carry equal marks**

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1. Explain the process of object activation using activation policy of your choice. [16]
2. (a) What is Distributed CORBA object?  
(b) What is IDL in the context of CORBA? [8+8]
3. (a) Distinguish Applets and Beans.  
(b) What is meant by component packaging. [8+8]
4. What are the components of an assembly structure? How do you organize them? Explain them. [16]
5. (a) What is Scalability? What are the limitations of scalability in Client/Server environment.  
(b) Why availability of Client/Server environment is better than in mainframe.  
(c) What is the relation between availability and reliability? [6+5+5]
6. How XML web services make use of SOAP protocol to ensure interoperability between different platforms. [16]
7. Discuss about different types of Enterprise Java Beans. [16]
8. What does Java offer CORBA and CORBA offer Java. [16]

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**R05**

**Set No. 1**

**III B.Tech II Semester Examinations, December 2010**  
**MIDDLEWARE TECHNOLOGIES**  
**Information Technology**

**Time: 3 hours**

**Max Marks: 80**

**Answer any FIVE Questions**  
**All Questions carry equal marks**

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1. What does Java offer CORBA and CORBA offer Java. [16]
2. How XML web services make use of SOAP protocol to ensure interoperability between different platforms. [16]
3. What are the components of an assembly structure? How do you organize them? Explain them. [16]
4. Explain the process of object activation using activation policy of your choice. [16]
5. Discuss about different types of Enterprise Java Beans. [16]
6. (a) What is Distributed CORBA object?  
(b) What is IDL in the context of CORBA? [8+8]
7. (a) Distinguish Applets and Beans.  
(b) What is meant by component packaging. [8+8]
8. (a) What is Scalability? What are the limitations of scalability in Client/Server environment.  
(b) Why availability of Client/Server environment is better than in mainframe.  
(c) What is the relation between availability and reliability? [6+5+5]

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Code No: R05321203

**R05****Set No. 3**

**III B.Tech II Semester Examinations, December 2010**  
**MIDDLEWARE TECHNOLOGIES**  
**Information Technology**

**Time: 3 hours****Max Marks: 80**

**Answer any FIVE Questions**  
**All Questions carry equal marks**

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1. Explain the process of object activation using activation policy of your choice. [16]
2. What does Java offer CORBA and CORBA offer Java. [16]
3. (a) What is Distributed CORBA object?  
(b) What is IDL in the context of CORBA? [8+8]
4. How XML web services make use of SOAP protocol to ensure interoperability between different platforms. [16]
5. (a) What is Scalability? What are the limitations of scalability in Client/Server environment.  
(b) Why availability of Client/Server environment is better than in mainframe.  
(c) What is the relation between availability and reliability? [6+5+5]
6. (a) Distinguish Applets and Beans.  
(b) What is meant by component packaging. [8+8]
7. Discuss about different types of Enterprise Java Beans. [16]
8. What are the components of an assembly structure? How do you organize them? Explain them. [16]

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