

R07**Code: R7321204**

B.Tech III Year II Semester (R07) Supplementary Examinations December/January 2015/2016

MIDDLEWARE TECHNOLOGIES

(Information Technology)

(For 2008 regular admitted batch only)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What are the benefits of Client/Server environment? What are the limitations of Client/Server environment?
(b) What are the benefits of Mainframe? What are its limitations?
(c) What is the role of standards in Client/Server environment?
- 2 (a) What is Stub compiler? What is its use? How it works?
(b) Write a brief note on JDBC Date and Time classes.
- 3 What is Parameter passing? What are its types? Explain them with examples.
- 4 (a) What is formatter in the context of .NET framework?
(b) How do you register a channel?
(c) What are the modes of remote object?
- 5 With the help of a diagram, explain CORBA'S static and dynamic method of invocations.
- 6 (a) Explain the CORBA 2.0 initialization scenario.
(b) What is CORBA trader?
- 7 (a) What is event adapter? Why event adapters are required?
(b) What is Demultiplexing of adapters?
- 8 (a) What are the characteristics of Session Bean?
(b) What are the characteristics of Entity Bean?
