

RA

Code No: 155SM

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year I Semester Examinations, February - 2022

MIDDLEWARE TECHNOLOGIES

(Common to CSE, IT)

Time: 3 hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

1. Discuss the evolution of corporate computing models for distributed computing. [15]
2. Explain the pitfalls of client server programming. [15]
3. Describe Object Management Group's object management architecture. [15]
4. Explain how C# supports object oriented programming features with relevant code segments. [15]
- 5.a) What is the importance of attribute based programming? Give an example.
b) Elucidate object serialization concept. [8+7]
- 6.a) Make a comparison of static and dynamic invocations of client/server model.
b) How to integrate ORBlet with applet? [8+7]
7. Explain mapping of CORBA pseudo objects to Java with examples. [15]
- 8.a) Demonstrate the EJB client/server development process.
b) Compare EJB with CORBA beans. [8+7]

---ooOoo---