

MASTER OF TECHNOLOGY (COMPUTER ENGINEERING) (CBCS - 2015 COURSE)
M. Tech. (Computer Engineering) Sem-IV :SUMMER- 2022
SUBJECT : SELF-STUDY PAPER-II:MIDDLE WARE TECHNOLOGIES

Day : Wednesday
Date : 15-06-2022

S-14560-2022

Time : 10:00 AM-01:00 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both the sections should be written in **SEPARATE** answer book.
-

SECTION – I

Q.1 What example elaborate client server computing? **(10)**

OR

What are different types of middleware's?

Q.2 With neat diagram explain EJB software architecture. **(10)**

OR

Explain different EJB applications.

Q.3 Explain structure of CORBA IDL. **(10)**

OR

State and explain steps to build an application using CORBA.

SECTION – II

Q.4 Compare COM and .NET. **(10)**

OR

Compare COM and DCOM.

Q.5 With neat diagram explain SOA basics and Enterprise Service Bus (ESB). **(10)**

OR

Explain any two SOA enterprise software models.

Q.6 Explain following XML technologies : **(10)**
i) XSLT<XQUERY ii) XPATH

OR

What is business process execution language for web services (BPEL4WS)

* * *