Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 01

Total No. of Questions : 08

M.Tech.(CSE Engg. EI-I) (2015 to 2017)   (Sem.–3)
COMPONENT BASED DEVELOPMENT
Subject Code : MTCS-301
M.Code : 74159

Time : 3 Hrs.   Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :
1. Attempt any FIVE questions
2. Each question carries TWENTY marks.

1) What are different strategies for successful COTS product evaluation? Discuss the steps in establishing criteria in COTS evaluation process.   (20)

2) State briefly about:

   a) Component Configuration Management   (7)

   b) IDL interface.   (7)

   c) COM+ *vs*. EJB *vs*. CCM   (6)

3) Describe the characteristic properties of components and objects. Name the different types of components available.   (20)

4) What is Component Based Software Engineering? Explain different activities in CBSE process.   (20)

5) Explain component based development process. Mention the development cycle. Draw necessary diagrams.   (20)

6) a) What are Catalysis Techniques for defining Component Infrastructures?   (10)

   b) Explain briefly about client / server architecture.   (10)

7) Explain :

   a) Salient features of CORBA.   (10)

   b) Software Agents as Next Generation Software Components   (10)

8) Write short notes on Beans and Enterprise Beans. How will you develop an application using Enterprise Beans?   (20)

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.