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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.