


Name: Enrolment No:			
UPES End Semester Examination, Dec 2023			
Course: Service Oriented Architecture Semester: 5 Program: BCA – IOT/CS/AIML Course Code: CSEG3049P Instructions: Answer all the question in the sequence given.		Time : 03 hrs. Max. Marks: 100	
SECTION A			
Q. No.	Question	Marks	CO
1	Identify the challenges between SOA based software and traditional software application.	4	CO1
2	List the key factors of SOA Governance Policies.	4	CO4
3	Expand the following: a) UDDI b) SOAP c) WSDL d) XML e) SOI f) HTTP g) TOGAF h) BPMN	4	CO1
4	Differentiate Service Oriented Architecture Vs Enterprise Architecture.	4	CO4
5	Draw and provide the functionality of any 4 Business Process Management Notations.	4	CO3
SECTION B			
6	Describe the Component based design with different steps involved.	10	CO2
7	Define UDDI role in Web Services. Mention and explain the various UDDI elements.	10	CO3
8	Explain SOA lifecycle stages along with the stage diagram.	10	CO1
9	Instruction: Answer 9.a OR 9.b a) Describe the SOAP Skeleton with SOAP Request and Response Message in detail. <p style="text-align: center;">OR</p> b) Explain the Layered Enterprise SOI architecture in detail with suitable diagrams.	10	CO3

SECTION-C			
10	Describe the all WSDL components with an example WSDL document.	20	CO2
11	Instruction: Answer 11.a OR 11.b a) Discuss the SOA RA architecture and its different layers in detail with diagram. OR b) Briefly explain the TOGAF Enterprise Domain Architecture Framework Model.	20	CO4