Name: Enrolment No:	UPES UNIVERSITY OF TOMORROW

End Semester Examination, December 2024.

Course: Service Oriented Architecture
Program: BCA-CSF and BCA-AIML
Course Code: CSEG3049P

Semester: 5th
Time : 03 hrs.
Max. Marks: 100

Instructions: Attempt all questions

SECTION A
(5Qx4M=20Marks)

S. No.		Marks	CO
Q1	Define the term 'Organizational Agility'.	4	CO1
Q2	Support your answer on the statement- "BPM can help an organization respond to changes in the market".	4	CO2
Q3	Briefly explain the role of WSDL in Web Services?	4	CO3
Q4	How does SOA support the goals of Enterprise Architecture?	4	CO4
Q5	Outline the need of SOA governance in organizations.	4	CO5

SECTION B
(4Qx10M= 40 Marks)

Q6	Assess the statement "Web services are the better choice of technology for SOA". State the SOAP Processing Model. **or** Explain the role of the UDDI registry in Web Services, and how does it facilitate service discovery?	10	CO3
Q7	Describe how the TOGAF framework supports the implementation of Enterprise Architecture in organizations.	10	CO4
Q8	How do BPM and SOA work together to enable business agility in an organization? What is the relationship between SOA and BPM?	10	CO2
Q9	Design a basic SOA model for an e-commerce application.	10	CO1

SECTION-C
(2Qx20M=40 Marks)

Q10	Develop a set of best practices for implementing SOA governance in an organization that wants transition to service-oriented architecture.	20	CO5
Q11	How can the TOGAF help in structuring a large organization's architecture? **or** Analyze the effectiveness of TOGAF in managing both business and IT alignment in an organization.	20	CO4