PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
M.Tech., Winter 2017 - 18 Examination

Semester: 1   **Date: 30/12/2017**
Subject Code: 03201103   **Time: 2:00 pm to 4:30 pm**
Subject Name: Service Oriented Architecture   **Total Marks: 60**

Instructions:
1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1	A) List the characteristics of SOA.	**(05)**
	B) Write an XML schema for shipment order	**(05)**
	C) Draw and explain Web Service architecture.	**(05)**
Q.2	**Answer the following questions. (Attempt any three)**	**(15)**
	A) Describe Web Service life cycle with a neat sketch.	
	B) What are the characteristics of web services	
	C) Differentiate SAOP and REST.	
	D) Write short notes on client server architecture.	
Q.3	A) How message exchange pattern implemented in web services?	**(07)**
	B) Explain in detail J2EE architecture.	**(08)**
	OR	
	B) Explain in detail about SOA security.	**(08)**
Q.4	A) Write a WS-BPEL for bank loan approval process with steps.	**(07)**
	OR	
	A) What are the HTTP methods used in REST? List and explain its usage.	**(07)**
	B) Write an UDDI to create and retrieve information.	**(08)**