



Sanjay Ghodawat University, Kolhapur

2018-19

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/01

Year and Program: 2018-19

School of Technology

Department of CSE, FY M. Tech.

Course Code: CCC502

Course Title: Service Oriented Architecture

Semester – II

Day and Date: Monday  
20th May, 2019

End Semester Examination  
(ESE)

Time: Max Marks: 100  
( 2.30 to 5.30 pm )

- Instructions:
- 1) All questions are compulsory.
  - 2) Assume suitable data wherever necessary.
  - 3) Figures to the right indicate full marks.

Q.No	Question	Marks	Bloom's Level	CO
Q.1	<b>Attempt any two</b>			
	a) Illustrate characteristics of service oriented architecture.	09	L2	CO1
	b) Explain contents and usability of Envelop, Header and Body of a SOAP message.	09	L2	CO1
	c) Illustrate SOA coordination.	09	L2	CO1
Q.2	<b>Attempt the following</b>			
	a) Discuss orchestration in SOA composition.	08	L3	CO2
	b) Identify and discuss components of WSDL document.	08	L3	CO2
Q.3	<b>Attempt the following</b>			
	a) Elaborate on WS-I basic profile.	09	L3	CO2
	b) Analyze step-by-step process for entity-centric business service design.	09	L4	CO2
Q.4	<b>Attempt any two</b>			
	a) Discuss web service creation using Java with respect to following concepts: 1. JAX-WS 2. JAXB	08	L6	CO3
	b) Interpret on how to create web service in ASP.NET? Elaborate with example web method.	08	L5	CO3
	c) Discuss Web services interoperability technologies.	08	L6	CO3
Q.5	<b>Attempt the following</b>			
	a) Dissect steps in service oriented modeling process.	08	L4	CO4

**ESE**

b) List and explain considerations for choosing service layers under composing SOA. 08 L4 CO4

Q.6 **Attempt any two**

a) Discuss how security of web services is implemented in SOA? 08 L6 CO4

b) Analyze Web services coordination using BPEL. 08 L4 CO4

c) Dissect WS-BPEL process definition structure. 08 L4 CO4

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