

**FRANCIS XAVIER ENGINEERING COLLEGE**  
(An Autonomous Institution)  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**QUESTION BANK**

Year/ Semester: III / V

Academic Year: 2022-2023/ODD

Course Code/Title: 19CS5701 \ INTERNET PROGRAMMING

(Regulation 2019)

Unit No. I

**UNIT V      AJAX AND WEB SERVICES**

**9**

Ajax - Enabled rich internet applications with XML and JSON - Web Services

Introduction - WCF Services Basics - SOAP - REST - JSON - Publishing and

Consuming SOAP-Based Web Services, REST-Based XML Web Services, REST-

Based JSON Web Services.

PART – A (10 x 2 = 20 Marks)

Q.No	Questions	CO	Marks	PO-PI
1.	What are the technologies are being used in AJAX?	C05-K1	2	3.2.2
2.	What is AJAX?	C05-K1	2	3.2.1
3.	Why do you want to describe a web service?	C05-K3	2	3.3.1
4.	Write the characteristics of web service.	C05-K3	2	3.2.1
5.	List the steps involved in AJAX operation?	C05-K3	2	1.3.1
6.	What are the elements of WSDL?	C05-K2	2	1.3.1
7.	What do you mean by JSON?	C05-	2	3.2.1

		K1		
8.	Write the SOAP structure	C05-K3	2	3.2.2
9.	Write an example of a web services registry and its function.	C05-K3	2	3.2.2
10.	Write few importance of REST.	C05-K3	2	3.3.2
PART-B				
1.	Discuss in detail about the XML Web Services .	C05-K2	13	1.3.1
2.	Design a web service using SOAP and display the value of the product using XML	C05-K3	13	5.1.2
3.	Illustrate in detail about the object that helps AJAX reload parts of a webpage without reloading the whole page. (OR)	C05-K2	13	3.3.1
4.	Write a short notes on REST based JSON Web Services	C05-K4	13	3.3.1
5.	Write a program to get JSON data using XML	C05-K4	13	5.1.2