

**INFORMATION TECHNOLOGY**  
**BACHELOR OF TECHNOLOGY (CBCS) (2020 COURSE)**  
**B.Tech.Sem - VII IT : WINTER : 2024**  
**SUBJECT: ITC-V: WEB SERVICES**

Day : Wednesday  
Date : 11/12/2024

W-24757-2024

Time : 02:30 PM-05:30 PM  
Max. Marks : 60

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Assume suitable data **WHEREVER** necessary.
- 4) Draw neat diagrams **WHEREVER** necessary.

- Q.1 Describe the terms CORBA, JAVA RMI in detail with example. (10)  
OR
- Q.1 What is Web service? Explain basic operational model of web services in detail. (10)
- Q.2 Describe web service Architecture and its characteristics in detail. (10)  
OR
- Q.2 Enlist and describe steps implementing web services. (10)
- Q.3 Describe XML document structure and XML Namespaces with example. (10)  
OR
- Q.3 What is SOAP? Differentiate between SOAP and JSON with example. (10)
- Q.4 What is WSDL? Describe WSDL tools and port types with example. (10)  
OR
- Q.4 Differentiate between WSDL 1.1 and WSDL 2.0. (10)
- Q.5 Explain UDDI architecture with neat diagram. (10)  
OR
- Q.5 Explain the registering and Discovering services process with example. (10)
- Q.6 Define the semantic interoperability problem. Also explain the role of metadata. (10)  
OR
- Q.6 What is XML? Explain XML security standards. (10)

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