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P.E.S. College of Engineering, Mandya - 571 401
(An Autonomous Institution affiliated to VTU, Belagavi)
Seventh Semester, B.E. - Information Science and Engineering
Semester End Examination; Dec. - 2019
Web Services

Time: 3 hrs   Max. Marks: 100

***Note**: Answer **FIVE** full questions, selecting **ONE** full question from each unit.*

UNIT - I

1 a.	Explain different types of lists provided by an XHTML with example.	10
b.	Create an XHTML document that defines a table with column heading of Apple, Orange and Mango. There must be atleast 3 rows with headings as breakfast, lunch and dinner in the table you must include attributes cell padding and cell spacing.	10
2 a.	Differentiate syntactically HTML and XHTML.	6
b.	List different types of selector forms and explain any two.	6
c.	Explain with neat diagram Box model of the table.	8

UNIT - II

3 a.	Explain the declaration of elements, entities and attributes with example.	10
b.	Create a XML and DTD for catalog of cars, where each car has a child elements make, model, year, color and engine. The engine has the child element engine number and fuel system.	10
4 a.	Explain XSLT processing with neat diagram.	10
b.	Explain XML processors.	10

UNIT - III

5 a.	Explain with diagram interaction among service provider, service requester and service broker.	10
b.	Explain client/server architecture.	10
6 a.	Explain distributed architecture with diagram of RPC.	10
b.	Which areas in the SCM are amenable to web services and why?	10

UNIT - IV

7 a.	Describe the SOAP message structure with an example.	10
b.	Explain SOAP response and associated problems.	10
8 a.	List out and explain the seven elements that help in describing the web services.	10
b.	Describe the key elements in details of WSDL web services description.	10

UNIT - V

9 a.	Explain the following : i) Service Publication ii) Service Discovery	10
b.	Explain tmodel.	10
10 a.	Explain WS-CDL processing elements.	10
b.	Explain four main categories of WS-BPEL elements.	10

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