Sem-3 Examination

305 - Scripting Language
Subject code : 4734

Time : 2 Hrs.   **Total Marks : 70**

Q-1	(A)	Write a note on Java Script data types?	7
	(B)	Write a JAVAScript to print characters of a string at odd positions. (for example for the string India, I, d and a should get printed).	7

OR

Q-1	(A)	Explain the features of Java Script.	7
	(B)	How can you incorporate Java Script into an HTML page? Write an example.	7

Q-2	(A)	Explain the event handling in JavaScript with simple example.	7
	(B)	Write down java script code to validate user name and password (password length must in between 6 to 12 characters. User name should not start with _, @, or any number, both are not blank).	7

OR

Q-2	(A)	Write a short note on Looping Structures (Loops) available for JAVA Script with suitable example.	7
	(B)	What is JavaScript event? List the major events and show use of at least one event by writing JavaScript code.	7

Q-3	(A)	What is a persistent cookie? Explain first party and third party cookies.	7
	(B)	Write a short note on common mistakes done in JavaScript.	7

OR

Q-3	(A)	What is a cookie? How one can create it? Give some of the disadvantages of cookies.	7
	(B)	Discuss in detail the error handling concept of JavaScript.	7

Q-4	(A)	What is XML ELEMENT and XML Schema? Explain CDATA and PCDATA with example.	7
	(B)	What is DTD? Give and explain the sample DTD.	7

OR

Q-4	(A)	Explain XSL and XSLT using example.	7
	(B)	Write any XML document and DTD to describe its structure including elements, attributes and entities.	7

Q-5	(A)	Compare and contrast between HTML and XML.	7
	(B)	Generate XML file from below code:	7

```
<!DOCTYPE NEWSPAPER [
<!ELEMENT NEWS(ARTICLE+)>
<!ELEMENT ARTICLE(HEADLINE, BODY, NOTES)>
<!ELEMENT HEADLINE(#PCDATA)>
<!ELEMENT BODY(#PCDATA)>
<!ELEMENT NOTES(#PCDATA)>
<!ATTLIST ARTICLE AUTHOR CDATA #REQUIRED>
<!ATTLIST ARTICLE EDITOR CDATA #IMPLIED>
```

OR

Q-5	(A)	Explain following terms: <xs: sequence>, <value-of>, <for-each>	7
	(B)	What is XML? Write an XML file to store your semester mark sheet.	7