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B.E. (Sixth Semester) Examination April-May 2020

(New Scheme)

(IT Branch)

WEB APPLICATION DEVELOPMENT

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : *Attempt all questions. Part (a) of each question is compulsory. Attempt any two parts from (b), (c) and (d) of each question.*

Unit-I

1. (a) What is Java Script? 2

   (b) What are the different ways to insert internal and external java script code in html page? 7

(c)   Write a program in java script to perform basic arithmetic operation using user define function.   7

(d)   How Ajax works? And discuss the synchronous and asynchronous modes of ajax working.   7

Unit-II

2. (a)   What are Cookies?   2

(b)   Make the servlet life cycle and also write the different phases of it.   7

(c)   What the means of JSP cookies? How to set and read the cookies?   7

(d)   What are Directives? Explain about JSP directives.   7

Unit-III

3. (a)   What is XML tag? Give an example.   2

(b)   A book has exactly one title, one or more chapters, one or more authors, and an ISBN number. An author has a first name, an optional middle name, and a last a name. A chapter consists of one or more paragraphs. Write DTD for this scenario.   7

(c) Explain the concept of XML namespace. How namespaces are declared and used in XML? 7

(d) Discuss about the various revolution that caused in development of XML. 7

Unit-IV

4. (a) What the means of anatomy of e-commerce? 2

(b) How architectural framework for e-commerce is different from traditional business model? 7

(c) Make the Mercantile process models and explain it. 7

(d) Discuss the different types of e-payment system with suitable example. 7

Unit-V

5. (a) Write the elements of search engine. 2

(b) Elaborate the search engine optimization development cycle with proper net sketch. 7

(c) What is file transfer protocol? Make the data transfer process models and explain it.   7

(d) What is website hosting? Where to host and what things to consider hosting a website?   7