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Roll No. :

333651(33)

B.E. (Sixth Semester) Examination April-May 2021

(New Scheme)

(IT Branch)

WEB APPLICATION DEVELOPMENT

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : Each question part (a) is compulsory and from part (b), (c) & (d) attempt any two questions. Part (a) carry 2 marks and from part (b), (c) & (d) each one carries 7 marks.

Unit-I

1. (a) What are the functions of a browser?
- (b) What is Java Script? How to add script code in head and body section in a html page.

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- (c) Make the working architecture of AJAX.
- (d) Write a program that will read an unspecified number of integers and will determine how many positive, negative and sum values have been read and program ends when the input is 0.

Unit-II

- 2. (a) What do you mean by Server-Side?
- (b) Explain session management in detail. Also, explain how Http session works?
- (c) Explain different types of scripting elements in JSP.
- (d) What is servlet and explain servlet life cycle with example program.

Unit-III

- 3. (a) What are style sheets?
- (b) "XML is not a Replacement for HTML" justify the statement with suitable example.
- (c) What are the various revolutions that have caused

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the development of XML.

- (d) Explain the creation of internal and external DTD with example.

Unit-IV

- 4. (a) What is E-Commerce?
- (b) What is mercantile process model? And what are the factors influencing the implementation of mercantile process model?
- (c) Discuss the basic requirements of an online payment system with suitable example.
- (d) Write the role of www for development of E-commerce with the help of proper net sketch.

Unit-V

- 5. (a) Where to host site?
- (b) A company wants to launch a web site for itself. As project engineer give all steps involved in it.

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- (c) **What is FTP? Also discuss the types of FTP server.**
- (d) **Compare the working Telnet and Terminal Emulation.**