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Roll No. :

333651(33)

B. E. (Sixth Semester) Examination Nov.-Dec. 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) attempt any one questions. Part (a) carry 2 marks and from part (b), & (c) each one carries 14 marks.

Unit-I

1. (a) What is DOM. 2
- (b) Explain the concept of Ajax and java script object model with example. 14

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- (c) Write a program to show the concept of response text and response XML and also explain the conditions for which Ajax can work smoothly. 14

Unit-II

2. (a) Show diagrammatically life cycle of JSP. 2
- (b) Explain with example : 14
- (i) Servlets
 - (ii) Cookies
 - (iii) Session management & Tracking
- (c) Write a program for following the concept of sending message from client to server and getting response from server to client. 14

Unit-III

3. (a) Give full form of XML and DTD. 2
- (b) Write XML program for NFS 4 are and for students database 14
- (c) Explain with the help of example the concept of

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- menuspaces, nameing conflict, conditional Sections and Entities. 14

Unit-IV

4. (a) What www. 2
- (b) Explain : 14
- (i) E-commerce framework
 - (ii) Mencintal process models
 - (iii) E-payment systems
- (c) Consider one online website like flipkart or Amazon and explain its features in terms of : 14
- (i) Consumer oriented applications
 - (ii) Media convenience
 - (iii) Anatomy

Unit-V

5. (a) Define web page layouting. 2
- (b) Explain FTP its types and its common commands. 14
- (c) How you can host a site, maintain it and optimize it? 14