

27/5/16 FN

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Question Paper Code : 27321

5 Year M.Sc. DEGREE EXAMINATION, MAY/JUNE 2016

Eighth Semester

SOFTWARE ENGINEERING

ESE 083 – WEB TECHNOLOGY

(Regulations 2010)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

PART – A (10 × 2 = 20 Marks)

1. Define the GET () and POST () method.
2. What is the use of IP addresses and ports ?
3. What are the types of stylesheet ?
4. Why Server-Side Scripting is used ? Give example Server-Side Scripting languages.
5. Differentiate Java applet and Java application.
6. What are the uses of Digital Signature ?
7. List the applications of WAP.
8. Define ActiveX control.
9. What is an external database ?
10. What is cookie ?

PART – B (5 × 16 = 80 Marks)

11. (a) (i) Describe the importance of DNS. (8)
(ii) What are the advantages of CIDR over typical addressing scheme ? Explain. (8)

OR

- (b) (i) Why does FTP use two standard ports whereas other protocols use only one port ? Justify in detail. (8)
(ii) Give the format of Ethernet frame and explain the semantics of each field. (8)

12. (a) (i) Explain the features of Supply Chain Management with an example scenario. (8)
(ii) Give short note on online E-tailing systems. (8)

OR

- (b) (i) Differentiate Client-Side Scripting and Server-Side Scripting. (8)
(ii) Compare Customer Relationship Management and Partner Relationship Management. (8)

13. (a) (i) Describe the advantages of a Risk-Based Authentication Strategy. (8)
(ii) Give the advantages and disadvantages of using Session State. (8)

OR

- (b) (i) Give short note on 3D protocol. (8)
(ii) Explain the working principles of SSL in Web applications. (8)

14. (a) (i) Describe the applications of Electronic Data Interchange. (8)
(ii) Give short note on XML parsers. (8)

OR

- (b) Explain the components of WAP architecture with its stack. (16)

15. (a) (i) What are the characteristics of Online databases ? Explain in detail with example. (8)
(ii) Describe the uses of .NET framework. (8)

OR

- (b) Define web service protocol stack. Explain the functionalities of web services with an example scenario.