

Reg. No. :

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**Q 2338**

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2007.

Sixth Semester

Information Technology

IF 366 — WEB TECHNOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is markup language? List any four markup languages.
2. List the significance of the scripting language in a HTML document.
3. What are the essential features of a browser?
4. How an applet program is different from a java program?
5. What is meant by marshaling?
6. What are reserved sockets? Give two examples.
7. What are the advantages of XML compared to HTML?
8. List the different types of JSP tags.
9. What is exactly meant by information in business organization?
10. What are the differences between EDI and e-mail?

PART B — (5 × 16 = 80 marks)

11. (a) (i) Describe various communication protocols used in the Internet. (8)  
(ii) Explain the different types of text formatting tags available in the HTML. (8)

Or

- (b) (i) Explain the hardware and software components of a Internet. (8)  
(ii) Describe the features of the standard generalized markup language and the next generation Internet. (8)
12. (a) (i) Briefly explain HTML form control elements in detail. (8)  
(ii) Explain how communication is taking between server and browser in detail. (8)

Or

- (b) (i) Describe importance of web services security in detail. (8)  
(ii) Explain the creation of CGI server side applets with an example. (8)
13. (a) (i) With a suitable example explain how a client process interact with the server objects using RMI. (10)  
(ii) What are the uses of sockets? Explain the uses of different types of Socket classes in the java.net package. (6)

Or

- (b) (i) Explain various methods available in ContentHandler class defined in the java.net. (8)  
(ii) Explain object serialization and deserialization with example. (8)
14. (a) (i) Describe the common types of firewalls and proxy servers. Also compare and contrast firewalls and proxy servers and their security functions. (8)  
(ii) Explain the different ways to include style sheet definition in a web page. (8)

Or

- (b) (i) Describe the different type of loops in JSP with suitable example. (6)
- (ii) What are the two ways of specifying syntax for an XML page? Briefly explain. (10)
15. (a) (i) Describe about the technical and non-technical issues in building a electronic payment systems. (8)
- (ii) Briefly explain how financial EDI payments are made and also list the standards for financial EDI. (8)

Or

- (b) (i) Describe the issues in customizing the Internet commerce. (8)
- (ii) What is financial EDI? Describe different type of financial EDI in detail. (8)