UG/PG ODD SEMESTER EXAMINATION, 2022

COMPUTER SCIENCE

5th Semester

Course No.: MCSC-501

(Internet Technology)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks for the questions

(Answer any five questions, taking one from each unit)

UNIT-I

1. (a) Discuss the development of internet in India. 6

   (b) What is cyber crime? Discuss four cyber crimes in detail. 8

2. (a) How internet traffic analysis is done by Wire Shark? 8

   (b) What are the different security aspects of internet. 6

UNIT-II

3. (a) What are the different step which are taken care during the building a corporate websites? 7

(b) Discuss different practical issues on server and application software. 7

4. (a) Write short notes on : 6

(i) E-commerce

(ii) Payment Gateway

(b) What is virtual reality? Discuss some application of virtual reality on the intenet. 8

UNIT-III

5. (a) Discuss different internet structure protocols. 6

(b) Write short notes on : 8

(i) Router Techonology

(ii) Gateway Technology

6. (a) Define webserver. Discuss TOMCAT. 6

(b) Write short note on : 8

(i) FTP Design

(ii) Mail Server Design

UNIT-IV

7. (a) What is the need of scripting languages in web technologies? 6

(b) What is Java Script? What are the features of Java Script? 8

8. (a) Explain the structure of the HTML Webpage with an example. 6

(b) Compare HTML and XML. 8

UNIT-V

9. (a) Justify the Common Gateway Interface (CGI) with neat diagram. 8

(b) What is Servlet? Explain abou Servlet API. 6

10. (a) What is JDBC. What are the various elements of JDBC? 6

(b) Explain about JDBC Drivers. 8

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