D 70160 (Pages : 2) Name...............

Reg. No.................

SEVENTH SEMESTER B.TECH. (ENGINEERING) (09 SCHEME) DEGREE EXAMINATION, NOVEMBER 2014

CS/PTCS 09 703—INTERNET TECHNOLOGY

Time : Three Hours   Maximum : 70 Marks

Part A

Answer **all** *questions.*

I. (a) What is meant by Domain Name System ?

   (b) Define Differentiated Services.

   (c) Describe Cryptography.

   (d) What do you meant by Firewall ?

   (e) What are the Applications of E-commerce ?

                                                                   (5 × 2 = 10 marks)

Part B

Answer any **four** *questions.*

II. (a) What are the security features provided in Application Layer ?

    (b) Define RSVP.

    (c) Differentiate TCP and UDP.

    (d) Write short notes on Authentication.

    (e) What are the different security measures in Access Control ?

    (f) Mention the various trends in Supply Chain Management.

                                                                   (4 × 5 = 20 marks)

Part C

Answer **all** *questions.*

III. (a) Discuss in detail about the various File Transfer Protocols with neat diagram.

Or

    (b) Write in detail about Socket Programming with TCP with example.

IV. (a) Explain briefly about various challenges in Multimedia Networking Applications.

Or

    (b) Write short notes on Scheduling and Policing Mechanisms in Multimedia Networking.

Turn over

V. (a) Explain the major Principles of Cryptography in Network Security.

Or

(b) Explain in detail about Key Distribution and Certification.

VI. (a) Explain in detail about the various modes of E-commerce applications.

Or

(b) Discuss the Security needs in E-commerce environment with an example.

$(4 \times 10 = 40 \text{ marks})$