SUBJECT CODE NO:- E-63
FACULTY OF ENGINEERING AND TECHNOLOGY
T.E.(CSE/IT) Examination Nov/Dec 2017
Computer Networks - II
(REVISED)

[Time: Three Hours]   **[Max.Marks:80]**

Please check whether you have got the right question paper.
N.B   i) Q.No.1 and Q.No.6 are compulsory.
             ii) Attempt any two questions from the remaining questions in each section.
Section A

Q.1   Attempt any five question   10
        a) List four types of delays in Packet switched network.

        b) What is routing? What is forwarding?

        c) List the approaches to congestion control.

        d) What is load shedding?

        e) What is LAN emulation?

        f) List the switching and management functions of ATM Layer.

        g) What are the possible applications of ATM?

Q.2   a) Explain Bellman-Ford routing algorithm.   07

        b) Explain Different approaches to congestion control in detail.   08

Q.3   a) Explain fragmentation & tunneling   07

        b) Explain ATM LAN architecture.   08

Q.4   a) Explain differentiated services in detail.   07

        b) Explain header formats in ATM with net diagram   08

Q.5   Write short notes on any three   15
        a) Multicasting and Broadcasting

        b) IGRP

        c) Quality of service in Switched Networks

        d) ATM Layers.

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Section B

Q.6   Attempt any five   10
       a) What is min-max fairness in TCP?

       b) What do you mean by halt closure in TCP?

       c) What is encapsulation and decapsulation?

       d) What do you mean by port address?

       e) What is Process to Process delivery?

       f) Write RTP header format.

       g) What is SNMP?

Q.7   a) Explain Elements of Transport Protocol   07

       b) Explain functions of Network Management Features.   08

Q.8   a) Explain in detail name space   07

       b) Explain connection Establishment and connection Release in Transport Layer.   08

Q.9   a) Explain FTP in detail with two types.   07

       b) Explain Real Time control Protocol (RTCP) in detail.   08

Q.10   Write short notes on any three   15
       a) H-323 Protocol

       b) Socket Programming

       c) Dynamic Domain Name System

       d) Remote Logging.

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