SUBJECT CODE NO:- P-338
FACULTY OF ENGINEERING AND TECHNOLOGY
T.E.(CSE/IT) Examination MAY/JUNE-2016
Computer Networks - II
(Revised)

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

"Please check whether you have got the right question paper."

N.B
1) <u>Q.No.1 & 6 are compulsory</u>.
2) Attempt <u>any two</u> questions from the remaining in each section.

Section A

Q.1   Attempt <u>any five </u>questions.   10
    a) What is forwarding process?
    b) What is intradomain routing?
    c) Enlist congestion control close loop policies.
    d) What is QOS?
    e) What is autonomous system?
    f) What is BECN?
    g) What is AAL 3/4?

Q.2   a) Explain link state routing in detail.   07
    b) Explain token bucket algorithm in detail.   08

Q.3   a) Explain in detail any one interior routing protocol.   07
    b) How you can measure the performance of the network?   08

Q.4   a) Which are the two header formats of ATM? Explain with a neat diagram.   07
    b) Explain path vector routing in detail.   08

Q.5   Write short notes on <u>any three</u>.   15
    a) Differentiated services.
    b) Flooding
    c) IGRP.
    d) RSVP.
    e) ATM LANS.

Section B

Q.6   Attempt <u>any five </u>questions.   10
    a) What is node to node delivery?
    b) What is port address?
    c) What is DNS?
    d) What is FTP?
    e) What is SNMP?
    f) What is resolution?
    g) What is the difference between primary server and secondary server?
    h) What is sequence number in TCP segment?

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Q.7	a)	Explain three way handshaking protocols for connection termination in TCP.	07
	b)	Explain in detail DNS.	08

Q.8	a)	Draw with neat labeled diagram of TCP packet?	07
	b)	With a neat diagram explain file transfer protocol.	08

Q.9	a)	Explain the SCTP association establishment process?	07
	b)	What is SNMP protocol? Explain in detail.	08

Q.10   Write short notes on <u>any three</u>.   15
      a) UDP
      b) Encapsulation
      c) Resolution
      d) Network management protocol.
      e) TCP congestion control.