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BV—07—2016

FACULTY OF COMPUTER STUDIES

M.Sc. (SAN) (First Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

(CBCS Pattern)

SYSTEM ADMINISTRATION AND NETWORKING

Paper SAN-104

(TCP/IP)

(Friday, 18-11-2016)

Time : 10.00 a.m. to 1.00 p.m.

Time—Three Hours

Maximum Marks—75

N.B. :— (i) Attempt All questions.

(ii) Assume suitable data, if necessary.

1. Attempt any *three* of the following : 15
 - (a) Discuss Ethernet Technology.
 - (b) Explain ARP and RARP.
 - (c) Explain FDDI.
 - (d) Explain Motivation of Internet Working.
 - (e) Router.
2. Answer the following (any *three*) : 15
 - (a) Discuss IP Address Classes.
 - (b) Explain IAB.
 - (c) Explain Internet Services.
 - (d) Explain IP Datagram.
3. Solve the following (any *three*) : 15
 - (a) Explain connection oriented and connectionless services.
 - (b) Explain properties of reliable delivery services.
 - (c) Explain application of internet.
 - (d) Explain TCP frame format in detail.

P.T.O.

4. Answer the following (any *three*) : 15
- (a) Explain WAN.
 - (b) Discuss ATM Network.
 - (c) Explain Idea behind sliding window.
 - (d) Explain concept of unreliable delivery system.
5. Write short notes on (any *three*) : 15
- (a) LAN
 - (b) Internet Architecture
 - (c) Router
 - (d) IP protocol.