

S.D.E.

B.C.A. (2004 COURSE SEM- V : SUMMER - 2018

SUBJECT: ADVANCE NETWORKING

Day : Friday
Date : 01/06/2018

S-2018-4364

Time : 02.00 PM TO 05.00 PM
Max. Marks: 80

N.B.:

- 1) Attempt any **FIVE** questions from **Section –I**. Each questions carries **10** marks
- 2) Attempt any **TWO** questions from **Section –II**. Each question carries **15** marks.
- 3) Answer to both the sections should be written in **SEPARATE** answer books.

SECTION-I

- Q1** Explain Internetworking concept and its architectural model. (10)
- Q2** How limited broadcasting is done in network? Explain Directed broadcast address. (10)
- Q3** What is User Datagram Protocol (UDP)? Explain the format of UDP messages. (10)
- Q4** Explain TCP segment format. (10)
- Q5** Explain working of FDDI with suitable example. (10)
- Q6** Write short notes on **ANY TWO**: (10)
- a) ARP
 - b) ARPANET
 - c) Ports

SECTION-II

- Q7** What are different IP addressing schemes? Explain dotted decimal notation used for addressing. (15)
- Q8** Explain the process of determining Internet address at startup in detail. (15)
- Q9** What is a Local Area Network? Explain Ethernet Technology in detail. (15)

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