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SB - 189

Total No. of Pages : 1

B.C.A. (Part - III) (Semester - V) Examination, October - 2019
COMPUTER NETWORK (Paper - 503)

Sub. Code : 66417

Day and Date : Wednesday, 16 - 10 - 2019

Total Marks : 80

Time : 11.00 a.m. to 02.00 p.m.

- Instructions :
- 1) Attempt any 4 questions from Q. 1 to Q. 7.
 - 2) Question 8 is compulsory.
 - 3) Figures to the right indicate full marks.

- Q1)** a) What is mean by data communication? Explain components of communications. [8]
b) Explain unguided transmission Media. [8]
- Q2)** a) Explain TCP/IP reference model. [8]
b) Explain symmetric key and asymmetric key cryptography in detail. [8]
- Q3)** a) Explain packet Switching in detail. [8]
b) Explain in detail types of network. [8]
- Q4)** Explain issues and responsibilities of data link Layer. [16]
- Q5)** a) Explain services provided by presentation layer. [8]
b) Explain UDP and TCP in detail. [8]
- Q6)** a) Explain various protocol Standards in detail. [8]
b) Explain Hypertext Transfer Protocol (HTTP) in detail. [8]
- Q7)** a) Explain network architecture in detail. [8]
b) Explain Remote procedure calls in detail. [8]
- Q8)** Write short note on any four : [16]
a) Coaxial Cable
b) Simple Mail Transfer Protocol (SMTP)
c) Time-Division Multiplexing
d) IP address
e) Congestion control

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