

Seat No: \_\_\_\_\_

**B.C.A. Semester-5 Examination  
December-2020**

**Data Communication and Networking - BCA-CC-506**

**Subject Code: 21551**

**Time: 2 Hours**

10 DEC 2020

**Total Marks: 70**

Q - 1	What is Data transmission Modes? List out different modes and explain it with suitable example.	18
OR		
Q - 1 (i)	What is Digital and Analog Data in computer network? Explain it in detail.	09
Q - 1 (ii)	List out different Types of Transmission media. Explain Unguided Transmission Media in detail.	09
Q - 2	What is Computer Network? Explain Types of Computer Network with suitable example.	18
OR		
Q - 2 (i)	What is server? Explain file server and web server in detail.	09
Q - 2 (ii)	Explain Hub, Switch and Router with suitable example.	09
Q - 3	What is Switching Technique? List out different types and explain it in detail.	17
OR		
Q - 3 (i)	What is OSI Reference Model? Explain it with example.	09
Q - 3 (ii)	What is IP Address? Explain different types of IP Address Classes in detail.	08
Q - 4	What is DNS? Explain Working Of DNS and DNS Hierarchy with example.	17
OR		
Q - 4 (i)	What is FTP? Explain any seven FTP Commands.	09
Q - 4 (ii)	Explain MIME and POP Email Protocol.	08

નોંધ:

- પ્રશ્નપત્રનો સમય ૧.૩૦ કલાકનો રહેશે.
- પ્રશ્નપત્રમાં ૪ પ્રશ્નોમાંથી કોઈ પણ ત્રણ પ્રશ્નોના જવાબ આપવાનો રહેશે.
- દરેક પ્રશ્નના ગુણ એકસરખા (૧૪ માર્કના) રહેશે. પ્રશ્નપત્ર કુલ ૪૨ માર્ક્સ નું રહેશે.