

Seat no \_\_\_\_\_

**B.C.A Sem-V Examination** 2-5 FEB 2022  
**Subject: - Data Communication and Networking**  
**Paper Code: BCA-CC-506**  
**Subject Code: 21551**

**Time 02:00 hrs**

**Total Marks: 56**

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Q-1	Write a detailed note on : “Data Transmission Modes”.	14
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**OR**

Q-1(A)-(i)	What do you mean by guided media? Explain Coaxial cable in detail.	07
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Q-1(A)-(ii)	What do you mean by unguided media? Explain Radio wave in detail.	07
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Q-2	What is Computer Network? Explain LAN and MAN Network with its advantages and disadvantages.	14
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**OR**

Q-2(A)-(i)	Explain Point to Point Connection in detail.	07
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Q-2(A)-(ii)	What do you mean by LAN Topology? Explain Ring topology in detail.	07
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Q-3	What is OSI Layer? List all and explain any two OSI layer in detail.	14
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**OR**

Q-3(A)-(i)	Write a short note on : “Packet Switching Technique”.	07
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Q-3(A)-(ii)	Explain IP Packet format in detail.	07
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Q-4	Write a detailed note on : “DNS”.	14
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**OR**

Q-4(A)-(i)	Explain FTP commands in detail.	07
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Q-4(A)-(ii)	Write a short note on : “HTTP Protocol”.	07
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