

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

17 OCT 2022

**BCA Semester-5(OLD) Examination**  
**Subject: Data Communication & Networking**  
**Paper Code: BCA-CC-506**  
**Subject Code:21551**

Time: 2:30 Hours

Total Marks:70

**Que: 1**      What is Transmission Media? List out Transmission Media. **18**  
Explain Guided Transmission Media in detail

**OR**

**Que :1(A)**    What is Digital and Analog Data? Explain in brief. **09**  
**Que :1(B)**    What is Transmission Mode? Explain its types in brief. **09**

**Que: 2**      What is LAN Topology? Explain various Topology used in LAN. **18**

**OR**

**Que :2(A)**    Write a detail note on: Database Server. **09**  
**Que :2(B)**    Write a note on: Bridge. **09**

**Que: 3**      What is OSI Reference Mode? Explain in brief. **17**

**OR**

**Que :3(A)**    Explain IP Addressing in detail. **09**  
**Que :3(B)**    Give differences between Reliable and Unreliable Connections. **08**

**Que: 4**      Explain various Email Protocols in brief. **17**

**OR**

**Que :4(A)**    What is FTP? Explain its various Modes. **09**  
**Que :4(B)**    Write a Note on: HTTP Protocol. **08**