

Roll No. : .....

Total No. of Pages : 3

## **BCA-201**

**B.C.A. (IInd Year) Examination, 2021**  
**COMPUTER COMMUNICATION AND**  
**NETWORKS**

Paper-I

*Time Allowed : 1½ Hours*

*Maximum Marks : 100*

**Part-A**

**[Marks : 30]**

*Note :-* Answer all questions (50 words each). All questions carry equal marks.

**Part-B**

**[Marks : 70]**

*Note :-* Answer any two questions (250 words each). All questions carry equal marks.

**Part-A**

1. Answer the following questions :

(i) Define Protocol.

(ii) Define Communication.

BCA-201\_1240

( 1 )

**SN-1670** P.T.O.



- ~~(iii) Define Bandwidth.~~
- ~~(iv) Define half duplex communication.~~
- ~~(v) Define LAN.~~
- ~~(vi) What is 100 Mbps ?~~
- ~~(vii) What is Error ?~~
- ~~(viii) Define PPP.~~
- ~~(ix) Define Wireless transmission.~~
- ~~(x) Define HDLC.~~

### **Part-B**

- ~~2 Explain LAN, MAN, WAN.~~
- 3. Explain Switch.
- 4. Explain twisted pair using diagram.
- 5. What is Spread spectrum ?
- 6. Explain Token Ring.
- 7. Explain Ethernet.
- 8. Compare virtual circuits and datagrams.

BCA-201\_1240

( 2 )

**SN-1670**



10. Explain X.25.

11. What is full duplex communication ?

12. Explain FDDI.