

AU-204

B.C.A. (Part—II) Semester—IV Examination

NETWORKING

Paper—4ST4

Time : Three Hours]

[Maximum Marks : 60

Note :—(1) All questions are compulsory.

(2) All questions carry equal marks.

(3) Assume suitable data whenever necessary.

1. (a) Explain OSI Model with suitable diagram. 6
- (b) Explain completely connected network with suitable diagram. 6

OR

2. (a) Explain Multipoint network with suitable diagram. 6
- (b) Explain Star network with suitable diagram. 6
3. (a) Draw and explain block diagram of digital and analog data Communication. 6
- (b) Explain Error control in network. 6

OR

4. (a) What is Modem ? What are the standards of modem ? 6
- (b) Explain Media access control in network. 6
5. (a) Describe the working of FTP with suitable example. 6
- (b) Explain TCP/IP and HTTP. 6

OR

6. (a) Explain Data Link Protocol in detail. 6
- (b) Explain network standards in detail. 6

7. (a) Explain FDDI with suitable diagram. 6
(b) Explain the concept of Fast Ethernet in detail. 6

OR

8. (a) Explain Switched Network in detail. 6
(b) What is LAN ? Explain their types. 6
9. (a) Explain Risk Assessment in network security. 6
(b) Explain the following :—
(i) Switched circuit Services.
(ii) Packet Switched network. 6

OR

10. (a) Explain dialed and dedicated Communication Services. 6
(b) Explain the importance of Network Security. 6