Seat No.	

Total No. of Pages : 2

B.Tech. (Computer Science and Engineering) (Semester - III) (CBCS) Examination, January - 2024

COMPUTER NETWORK (ALML)

Sub. Code : 86163

Day and Date : Tuesday, 09 - 01 - 2024 **Total Marks : 70**

Time : 10.30 a.m. to 01.00 p.m.

Instructions :
1) **Question no. 6 is compulsory.**
2) **Solve any four questions from Q. No. 1 to Q. No. 5.**
3) **Assume suitable data wherever necessary.**
4) **Figures to the right indicate full marks.**

Q1) a) List and explain types of networking components are used for build a network. **[8]**

b) Explain types of network used in network LAN, MAN, WAN. **[7]**

Q2) a) What are the duties of data link Layer. **[8]**

b) Explain Guided media and unguided media in details. **[7]**

Q3) a) Explain TCP/IP in detail. **[8]**

b) What is mean by Error detection and Error correction. **[7]**

Q4) a) Comparison between standard Ethernet and fast Ethernet. **[8]**

b) Differentiate TCP and UDP. **[7]**

Q5) a) Explain Hamming Code in detail. **[8]**

b) Explain network management layer protocol SNMP in detail. **[7]**

P.T.O.

10721 10721 10721

Q6) Write a short note on: (Any 2) **[10]**

a) Classfull addressing and Classless addressing

b) OSI Reference model

c) FTP

▽▽▽▽

10721

10721

10721