

Paper Code: MBA- IT03

Roll No.

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MBA
(SEM. IV)EVEN SEMESTER THEORY EXAMINATION 2015-2016
DATA COMMUNICATION & NETWORK

[Time: 3 hrs.]

[Max. Marks: 100]

Note- Attempt All questions. All questions carry equal marks.

1. Attempt any four parts of the following:- [5x4 =20]

- (a) What are the characteristics of Data Communication System?
- (b) State the advantages of Digital Transmission.
- (c) What are the goals of networks?
- (d) What are workstations?
- (e) Explain Call Relay.
- (f) State the applications of mobile communications.

2. Attempt any two parts of the following:- [10x2 =20]

- (a) State the tasks of Data Communication System.
- (b) What do you mean by multiplexing? What are the types of multiplexing?
- (c) Describe the process of Error control.

3. Attempt any two parts of the following:- [10x2 =20]

- (a) What are the applications of computer networks?
- (b) Differentiate between LAN and MAN?
- (c) State the features of ISDN. Also explain the different types of ISDN.

4. Attempt any two parts of the following:- [10x2 =20]

- (a) What are the types of transmission technology?
- (b) Explain ATM?
- (c) What are the types of Network Operating System?

5. Attempt any two parts of the following:- [10x2 =20]

- (a) Explain broadcast radio transmission.
- (b) Explain the types of wireless systems. What are its applications?
- (c) Discuss the functionality of Mobile IP.