



RAN - 2011000305020082

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T.Y.B.Sc. Computer (Sem. V) Examination October - 2023

Computer Networking

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(१)

नीचे दशविले निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

☛ **T.Y.B.Sc. Computer (Sem. V)**

Name of the Subject :

☛ **Computer Networking**

Subject Code No.: **2011000305020082**

Seat No.:

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Student's Signature

Q.1. Answer the following questions (Any Seven)

14

1. Define the terms: computer network.
2. What is gateway?
3. Define Unicast and Multicast.
4. List out the types of transmission media.
5. What do you mean by full duplex?
6. Explain Function of repeater.
7. Define MAC Sublayer.
8. What is the purpose of CSMA?

Q.2. (a) Write a note on components of network.

06

(b) Define logical topology. Explain ring logical topology.

06

OR

(a) Write a note on OSI model. Explain Datalink and transport layer in detail.

06

(b) Write a note on mesh topology of networking.

06

Q.3. (a) Write a note on IP Address classification.

06

(b) Explain twisted pair in details.

06

OR

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- (a) Explain coaxial cable in detail. **06**
- (b) Explain TCP/IP reference model. **06**

Q.4. Write a short note on the following. (Any Three) **12**

- (a) DNS.
 - (b) Message Transfer Agent.
 - (c) Repeater vs Bridge.
 - (d) UDP Protocol.
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