



RAN-1065

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

March / April - 2019

502: Computer Networking - I

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T.Y. B.Sc (Computer Science) Sem - V

Name of the Subject :

502: Computer Networking - I

Subject Code No.: 1 0 6 5

Seat No.:

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Student's Signature

Q-1 Answer in brief (any four):

[08]

- Explain 10 Base FL:Fibre Link Ethernet in brief.
- What is an uplink port?
- Differentiate between static routing and dynamic routing.
- Differentiate between connection oriented and connection less connection services.
- What is 'Token passing' media access methodology?

Q-2 Answer in detail (any Two)

[14]

- Arrange various transmission media in descending order(higher to lower) of their speed. Also arrange them in ascending order of their signal strength/distance coverage.
- You must install a network in a office building. The network must be reliable and easy to expand. Faults must be quickly diagnosed and solved. A single computer or a network card failure must not bring down the whole network. Which network topology is appropriate for this situation?

