



# RAN-1208

## T.YB.Sc. Computer Science) - Sem VI Examination

March / April - 2019

### 602- Computer Networking-II

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.YB.Sc. Computer Science) - Sem VI

Name of the Subject :

602- Computer Networking-II

Subject Code No.: 1 2 0 8

Seat No.:

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Student's Signature

#### Q-1 Answer the following

(14)

1. Explain why most of the IP addresses in class A are wasted?
2. What do you mean by "Message Transfer Agent"?
3. What is the function of AuC in GSM?
4. What is the range of Bluetooth? What frequency band the Bluetooth works on?
5. Explain the Datalink layer of Bluetooth protocol stack
6. Explain FDM and TDM in brief.
7. What is the significance of URG and PSH bit in TCP header?

#### Q-2 Attempt the followings(any two):

(12)

- a) Find the netid and hostid of the following ip addresses.  
i) 117.34.3.8    ii) 132.57.8.6    iii) 2073.54.12
- b) What is socket address?.Explain with example. What is the difference between port address, logical address and physical address?
- c) List two functions of each layer of TCP/IP protocol suite.

