Roll No. ....

24328

B. Tech 6th Semester (CSE)
Examination – May, 2018

COMPUTER NETWORK

Paper : IT-305-F

Time : Three Hours]   [Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : The Students have to attempt Question No. 1 is **compulsory** and *one* questions from each of *four* Section.

1. Explain the following :   20

   (i)   ARPANET

   (ii) IMAP

   (iii) Cigabit Ethernet

   (iv) Frame Relay

SECTION – I

2. What do you understand by Layering architecture of Networks. Draw and explain the five layering architecture.   20

3. (i) Give a brief description about Private Networks. 10

   (ii) Define Network. Explain in detail about types of Networks.   10

SECTION – II

4. Give a complete description about TCP/IP reference Model. http://haryanapapers.com   20

5. (i) Explain in detail about E-mail System.   10

   (ii) Give a brief description about IP addressing.   10

SECTION – III

6. (i) Define LAN explain in brief about LAN standards.   10

   (ii) What do you understand by channel Access Methods ? Explain.   10

7. Describe the following :

   (i)   Congestion Control   10

   (ii) WAN Technologies   10

SECTION – IV

8. Explain the following :   20

   (i)   ATM

   (ii) Wireless Links

9. Describe the following :   20

   (i)   Security Management

   (ii) Class of Service

   (iii) Quality of Service

   (iv) Windows NT/2000