COMPUTER NETWORKS
5th Exam/ECE/2616/Jun'2022
(For 2018 Batch Onwards)

Duration: 3Hrs.   **M.Marks:75**
SECTION-A

Q1. Do as directed.   **15x1=15**
    a. The full form of LAN is _.
    b. The full form of OSI is _____.
    c. The full form of ATM is_____.
    d. The full form of VPN is_____.
    e. The full form of MODEM is_____.
    f. Each computer should have good_____ in multi drop network.
    g. A ring network can be _____or_____.
    h. E-mail is an _____ of sending a letter.
    i. The_____ layer describes how real work actually gets done.
    j. The data on the network is transported in packets called_____.
    k. The_____ is assigned to networks with very far number of hosts.
    l. VOIP services convert your voice into a_____.
    m. _____ type of hubs regenerate the signal.
    n. Signals are transmitted through _____by using very low power.
    o. SSID stands for_____.

SECTION-B

Q2. Attempt any six questions.   **6x5=30**
    i. Writer a short note on Repeaters.
    ii. What are the various functions of Data Link layer?
    iii. Explain the simplex data link protocols.
    iv. What is Dotted-decimal notation?
    v. What do you mean by Addressing? Write down its categories.
    vi. Define Subnetting & Supernetting.
    vii. Write some techniques of Multiplexing.
    viii. What is IEEE 802.11?

SECTION-C

Q3. Attempt any three questions.   **3x10=30**
    a. What are the various types of computer network? Explain them in detail
    b. Write short notes on the following   a) Router   b) File Server
    c. Describe OSI model in detail.
    d. What is a hub? What is its need? Describe its various types?
    e. Explain how does Wi-Fi work? What are its advantages?