S. B. Roll. No...

COMPUTER NETWORKS
5ᵗʰ Exam/ECE/2616/Dec'22
(For 2018 Batch Onwards)

Duration: 3Hrs.   **M.Marks:75**

SECTION-A

Q1. Do as directed.   **15x1=15**

 a. TCP stands for_____
 b. The sub layers of data link layer are MAC and_____
 c. What is NIC?
 d. HTTP is the protocol used in the _____
 e. FTP stands for_____
 f. MAN stands for_____
 g. VOIP stands for_____
 h. _____Is the topmost layer of OSI model?
 i. TCP uses _____Protocol to maintain flow control.
 j. What is WLAN?
 k. Repeaters operate at the OSI models _____layers.
 l. VSAT Stands for_____
 m. ATM stands for_____
 n. WAN has _____Data transfer rate than LAN.
 o. IP has two parts: _____and host.

SECTION-B

Q2. Attempt any six questions.   **6x5=30**

 i. What are various models used in a network? Explain in brief.
 ii. What you mean by switching. Define three types of switching.
 iii. Differentiate between TCP/IP model and OSI model
 iv. What is transmission mode? Explain all methods of transmission.
 v. Explain FTP in brief.
 vi. Explain any six hardware devices..
 vii. Explain different trouble shooting techniques.

SECTION-C

Q3. Attempt any three questions.   **3x10=30**

 a. Explain frame format of IPV4.
 b. Explain OSI reference model in detail. .
 c. Define topology. Explain in detail
 d. Explain Bluetooth and Wi-Fi in detail.
 e. Explain all types of servers in detail.