S.B. Roll No...

COMPUTER NETWORKS
5th Exam/ECE/2616/Jan'2022
(For 2018 Batch onwards)

Duration: 1.15Hrs.   **M.Marks:25**

SECTION-A

Q1. Attempt any three questions.   **3x5=15**

   a. What is a HUB? Describe the architecture and the types of HUB.
   b. What is a WI-FI? Describe its working along with its advantages and disadvantages.
   c. Explain the characteristics of Client Server Network Model. List its advantages and disadvantages.
   d. Write down the uses of the following connectors:
      i) RJ45   ii) BNC   iii) SC and ST
   e. What do you mean by Troubleshooting? Discuss in brief various troubleshooting tools.
   f. Explain various types of cables.
   g. Explain various types of servers in brief.

SECTION-B

Q2. Attempt any one question.   **1x10=10**

   i. What do you mean by switching? Describe the types.
   ii. What is a network? Explain in detail the network topologies with its advantages and disadvantages.
   iii. Explain the OSI Reference Model in detail.
   iv. Differentiate between IPV4 and IPV6.