Code: A25AA

R15

B V RAJU INSTITUTE OF TECHNOLOGY
(UGC AUTONOMUOUS)
B.Tech 3 Year 1 Semester Regular/Supplementary Examinations, Feb 2021
COMPUTER NETWORKS
ACADEMIC

Time: 3 Hours   **Max Marks: 70**

Note: This Question Papers Contains Two Parts A and B
Part A: is compulsory Which Carries 20marks. Answer all Questions in Part A at one place only.
Part B consists of 10 Questions. Answer any five (one full question from each unit). Each question carries 10 marks and may have a, b, c as sub questions.

<div align="center">Part - A   (2 x 10 = 20)</div>

1. a) What is a subnet mask?

   b) What are the layers of the OSI reference model?

   c) Briefly describe NAT

   d) What is a VPN?

   e) What is the importance of implementing a Fault Tolerance System?

   f) What does 10Base-T mean?

   g) What is the disadvantage of a star topology?

   h) What is the main purpose of OSPF?

   i) How can you manage a network using a router?

   j) What is DHCP?

<div align="center">Part - B   (5 x 10 = 50)</div>

2 What is the difference between TCP and UDP?

<div align="center">OR</div>

3 What is a Decoder?

<div align="center">***</div>

4 Which cable uses the RJ11 connector?

OR

5 Which cable is also called as the RG8 cable?

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6 What is an Analog Signal?

OR

7 What Is TCP Three-Way Handshake?

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8 What are the advantages of Distributed Processing?

OR

9 What is Modem?

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10 What is NOS in computer networking?

OR

11 What are the advantages of address sharing?

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