



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

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Continuous Assessment Examination-II (Oct. 2021)

Program : B.E Max. Marks: 30
Course : Computer Networks and Design Time : 1 Hour
Course code: SCSA1502 Sem : V
Batch : 2019-2023 Date : 21.10.2021

Part-A Answer ALL the questions (5×2=10)

Q.No	Questions	CO
1.	Summarize the need for Encryption in VPN's.	CO(3)
2.	Comment on the various characteristics of a Remote and Site-to-site Virtual Private Networks	CO(3)
3.	Categorize the different protocols involved in VPN	CO(3)
4.	Interpret the concept of bridge	CO(4)
5.	Categorize the different tools used in designing the network.	CO(4)

Part-B Answer ALL the questions (2×10=20)

Q.No	Questions	CO
6.	Explain the VPN with suitable diagram with its characteristics and also discuss about the data encapsulation with necessary diagram.	CO(3)
(OR)		
7.	As a computer design network expert explain the different implementing & supporting procedures involved in Extranet based VPN architecture.	CO(3)
8.	Illustrate the various simulation methods for designing the multimedia network.	CO(4)
(OR)		
9.	As a design engineer expert you are tasked with the development of a good network. Suggest the suitable the suitable networking tools used for designing the network and also specify how it guarantees a fast convergence?	CO(4)