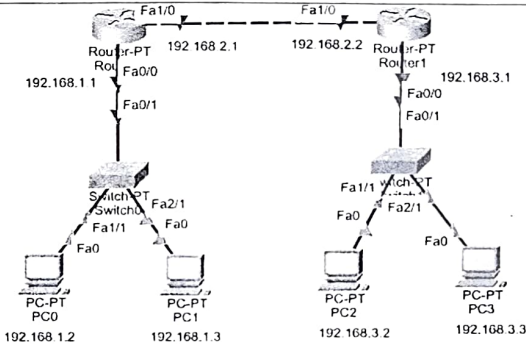
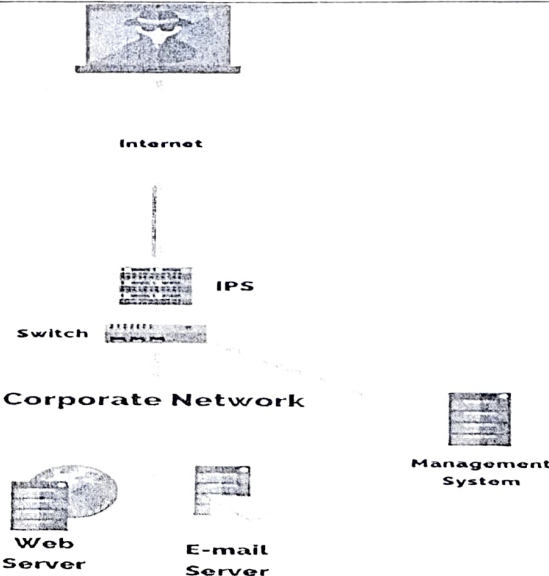


**VIT**Vellore Institute of Technology
(Deemed to be University under section 3 of U.G. Act, 1956)

Slot: TCC1

School of Computer Science Engineering**Winter Semester 2023-2024****Continuous Assessment Test – II****Programme Name & Branch: B.Tech - CSE with specialization****Course Name & code: Information Security Management / BCSE354E****Class Number (s): Applicable to all****Faculty Name (s) Applicable to all****Exam Duration: 90 Min.****Maximum Marks: 50**

Q. No.	Question	Max Marks
1.	You are working in an organization, they announced work from home. In this scenario, laying a dedicated or leased lines for secured communication is not possible. Propose a technical solution with neat diagram, configuration and testing.	10
2.	 Write standard ACL to implement the above scenario to deny 192.168.3.3. Justify your ACL command (standard) with proper reason of how it is implementing the above scenario.	10
3.	In Vellore Institute of Technology, Vellore, the finance section requires network traffic filtering (a dedicated hardware) device to filter jpeg, mp4 and java script. Propose a solution with neat diagram, configuration and testing.	10
4.	A small organization requires basic level attack deduction systems using Intrusion Detection Systems (IDS). Design a network using IDS and its components. Provide step-by-step configuration with proper explanation.	10
5.	 Discuss configuration of the above network, provide detailed configuration of major security device with proper explanation on functionalities, components and effects of the security devices.	10