

**VIT**Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act 1956)

21BD50600

School of Computer Science Engineering**Winter Semester 2023-2024****Continuous Assessment Test – I****Slot: TCC1****Programme Name & Branch : B.Tech Computer Science & Engineering****Course Name & code: Information Security Management & BCSE354E****Class Number (s): Common****Exam Duration: 90 Min.****Maximum Marks: 50****General instruction(s): NIL****Q.No. Question****Max
Marks
10**

1. ✓ The network/security devices are listed below:

- Server
- Router
- Switch
- Firewall

- ✓ i) Arrange the above devices in proper order so that security can be provisioned properly to your private network from the outside world. Draw the network diagram using above devices in proper order from your LAN to Internet.
- ✓ ii) Explain the functionalities and usage of above security devices.

2. ✓ As a security analyst of an organization, you are requested to monitor the data flow to improve the productivity of the employees. What are the possible techniques will you use to implement to secure the content and how? 10

3. ✓ A top executive of a major company telephoned the Director of Security and explained that he had just received a threatening message. The message was constructed from words and letters cut out of a magazine and glued to a piece of paper. The message indicated that the executive would be killed. Later, the same executive received a dead cockroach taped to an index card with a straight pin through the body. The message written on the card was, "This could be you...". How will you manage this situation? Justify your answer. 10

4. Explain about the following hazards and suggest how to control each of the hazards in detailed manner 10

- ✓ Surfaces/places related hazards
- ✓ Equipments/items related hazards
- ✓ Physical Hazards
- ✓ Electrical Hazards

5. (i) ✓ What are all the obstacles involved in maintaining good relationship with your peer colleagues (5 Marks) 10

- ✓ (ii) As you being a new employee in an organization, you find very difficult in writing emails to your superiors. Your boss noticed that and told you to follow email etiquettes. Explain about your experience in learning of writing good email in communicating with others. (5 Marks)