**Tutorial 1**

**Instructions: Conduct relevant research and complete the following task.**

1. Vulnerability governance is a buzz word among industry professionals. Define vulnerability governance?

The cyclical practice of identifying, classifying, prioritizing, remediating and mitigating” software vulnerability

1. Discuss its importance to organizations.

It is integral to the computer security and network security, and must not be confused with vulnerability assessment

1. Distinguish between vulnerability governance and vulnerability assessment.

Vulnerability governance is The cyclical practice of identifying, classifying, prioritizing, remediating and mitigating” software vulnerability while vulnerability assessment aims to provide a systemic view of the security lapses and weaknesses in an organization system and architecture

1. Describe the vulnerability management process.

The longer a vulnerability remains undetected, the more likely it is to result in a security breach. Perform weekly external and internal network scans to identify existing and new vulnerabilities. This process includes scanning network-accessible systems, identifying open ports and services on those systems, gathering system information, and comparing system information with known vulnerabilities.

1. Outline the vulnerability management lifecycle.

