

CIT 4314 System Administration
Study Questions

Session One

- a) Distinguish between the following terms:
 - i) "System Administration" and "Network Administration"
 - ii) "System Administrator" and "Network Administrator"
- b) For a large organisation, state any two roles of:
 - i) System Administrator and
 - ii) Network Administrator
- c) State education and certification required for System Administrator

Session Two

- a) Explain the following terms:
 - i. Network analysis
 - ii. Network analyser
 - iii. Honey port
 - iv. Virtual Private Network (VPN)
 - v. IP Security (IPSec)
 - vi. Secure Sockets Layer (SSL)/Transport Layer Security (TLS)
 - vii. One Time Password (OTP)
- b) Highlight any four features that can be used to *differentiate* between network analysers
- c) Explain the various Components of network analyser
- d) State any two reasons why sniffers/bad guys use network analysers
- e) State any four reasons why system administrators use network analysers
- f) Explain any two ways of protecting systems against sniffers