

ASSESSMENT # 2**Total Marks: 30**

- 1.** Give short answers for the following questions: (15)
 - i. What is meant by 'authentication'? Provide an example.
 - ii. Briefly describe the concept of encryption and its benefits.
 - iii. What is a digital signature?
- 2.** Discuss the difference between antivirus and firewall security measures. Why is it more effective to combine the two, rather than relying on one safeguard alone? (8)
- 3.** Provide five examples of strong passwords and five examples of weak passwords. Explain the strengths/weaknesses of each and suggest ways to improve the weaker passwords. (7)