School of Computing Science and Engineering
Department of Computer Application
Mid Term Examination

Sem V - E1UD501B - Ethical Hacking
Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

1)	Describe the RC4 stream cipher and its key features.	K2 ,K2 (2)
2)	Discuss how does encryption help protect sensitive information?	K1 ,K1 (3)
3)	Describe the primary purpose of a Trojan Horse and how it deceives users.	K2 ,K2 (4)
4)	Differentiate Phishing and Pharming?	K2 ,K2 (6)
5)	Apply the principles of asymmetric key cryptography to encrypt and decrypt a message.	K3 ,K3 (6)
6)	Explain the differences between a worm, a virus, and a Trojan Horse in terms of their propagation methods and payloads.	K3 ,K3 (9)
7)	Discuss the risks and benefits of using MAC address filtering as a wireless network security measure.	K4 ,K4 (8)
8)	Analyze security measures to protect against physical threats to a data center of Galgotias University.	K4 ,K4 (12)

OR

	Explain cryptography, cryptanalysis, and cryptology.	K4 ,K4 (12)