

國立成功大學

111學年度碩士班招生考試試題

編 號：189

系 所：電腦與通信工程研究所

科 目：資訊安全概論

日 期：0219

節 次：第 1 節

備 註：不可使用計算機

※ 考生請注意：本試題不可使用計算機。請於答案卷(卡)作答，於本試題紙上作答者，不予計分。

1. 20%

- (a) What is the sandboxing?
- (b) Why sandboxing is important?
- (c) What you can do by using sandboxing for threat protection

2. 20%

- (a) What is Phishing Attack?
- (b) What are the techniques that a Phishing Attacker needs?
- (c) What causes Phishing Attack easily success?
- (d) What might happened next after phishing attack?
- (e) How to prevent phishing attacks?

3. 20%

- (a) What is the cloud computing reference architecture?
- (b) Describe some of the main cloud-specific security threats.

4. 20%

- (a) What is an elliptic curve in cryptography?
- (b) Please describe the advantages of elliptic curve cryptography..
- (c) What is an elliptic curve digital signature?
- (d) What is elliptic curve cryptography used for?

5. 20%

- (a) What is hacking?
- (b) What are the phases of hacking life cycle?
- (c) How to disrupt the hacking life cycle of a cyberattack.