

中央警察大學 104 學年度碩士班入學考試試題

所 別：資訊管理研究所
科 目：電腦犯罪與資訊安全

作答注意事項：

- 1.本試題共 4 題，每題各 25 分；共 2 頁。
- 2.不用抄題，可不按題目次序作答，但應書寫題號。
- 3.禁用鉛筆作答，違者不予計分。

一、解釋名詞：

- (一) Steganography
- (二) Pretty Good Privacy
- (三) Smurf Flooding Attack
- (四) Anomaly Intrusion Detection
- (五) Certification Authority

二、請回答下列問題：

- (一) 請以 Line 為例，說明即時通訊服務鑑識。(8 分)
- (二) 請說明境外進線詐欺電話之路由及偵查之技術。(8 分)
- (三) 請說明拍賣詐欺集團手法及偵查之技術。(9 分)

三、The nature of a particular cybercrime will frequently dictate social media sites to seek incriminating data. You are the cybercrime investigator in a cyberstalking case. Social media, like Facebook, Twitter, My Space, Google+, and others, has become a standard of communication in our society. Today it can be said that searching social media for leads is routine activity, particularly when cybercrime and high-tech devices are in play. When social media is possible evidence, immediate steps must be taken to preserve the data. What shall you do ?

四、Information security is the process of protecting the availability, privacy, and integrity of data. While the term often describes measures and methods of increasing computer security, it also refers to the protection of any type of important data. Please draw a figure or a table to explain the goal and tools in the following five phases of system attack.

- (一) Reconnaissance (5分)
- (二) Scanning and Enumeration (5分)
- (三) Gaining Access (5分)
- (四) Maintaining access (5分)
- (五) Covering Tracks (5分)