UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

IS2109 Information Systems Security - Practical 4
Secure Web Browsing

Instructions:

- **Submit answers for all the following questions. Clearly mention the Question Numbers.**

- **You must submit your answers as a PDF document named as P3_GroupNumber (E.g. P4_Group 5)**

- **Only one document should be submitted from a group and make sure to mention the index numbers of the group members at the end of the document.**

1. **Adware**
    a. Adware; What are they?
    b. Explain how it works, and what it does?
    c. How do you identify whether your PC is infected with Adware?
    d. If infected, how do you remove Adware from your PC?

2. **Credit Card Fraud**
    a. Credit Card Fraud; what is it?
    b. How can you prevent credit card fraud?
    c. What are the safe email practices/ precautions to prevent credit card fraud?

3. **Browser Hijacking**
    a. Browser Hijacking; what is it?
    b. What should you do to prevent Browser Hijacking?

4. **Session Hijacking**
    a. What is meant by session hijacking?
    b. What are the two main types of session hijacking?
    c. How can you prevent session hijacking?

5. **Spam & Phishing:**
    a. Irrelevant messages sent over the internet are known as "Spam". Briefly describe with your own words, what do you understand by "Spam"?
    b. What are the actions that you can use to prevent Spam?
    c. What is Phishing on the internet?
    d. How can you prevent Phishing?