# Homework 1 Network threats# Unit 3 Systems software and security



# **Homework 1 Network threats**

1.

1.	The	e following five statements about Internet security are incomplete:	
	(i)	is software that is written with malicious	S
		intent, typically with the aim of corrupting files of gaining unauthorised access to a user's files	
	(ii)	include a link which when clicked on ma	y
		download a virus or lead you to a bogus website selling fake or non-existent produ	cts
	(iii)	appear to be legitimate emails which ask	k
		the user to click on a link; the link sends them to a fake website where they may be asked to enter personal details such as bank account information	Э
		asked to effer personal details such as bank account information	
	(iv)	is software that covertly gathers information	tion
		from your computer and sends it back to the author who can sell or use the data for advertising or identity theft	r
	(v)	is a scamming practice in which malicious	
		code is installed on a user's computer, misdirecting users to fraudulent websites	
		without their knowledge or consent	
Coı	mple	te the five statements using words from the following list:	
	spy phi pha viru cod	jan horse email ware shing emails arming us-generated emails okies	
		vare Iware	[5]
2.		dy the email on the following page. Describe <b>three</b> clues which indicate that it is a shing scam.	[3]

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Mon 06/07/2015 06:47

## LLOYDS BANK <12031719-013@uog.edu.pk>

### PROBLEM WITH YOUR BANK ACCOUNT

To undisclosed-recipients:

### Dear Customer,

This e-mail has been sent to you by Lloyds Bank to inform you that we are unable to process your last bank statement and will no longer processes it untill the error is rectified.

This might be due to either of the following reasons:

- 1. A recent change in your personal information. (eg: billing address, phone)
- 2. Submitting incorrect Payment information during bill payment process.

Due to this, to ensure that your service is not interrupted, we request you to confirm and verify your billing information today

### VERIFY.

Regards.
Lloyds Bank Billing Department

3.	(a)	Describe what is meant by a <b>denial of service attack</b> .	[2]

(b) Indicate in the right-hand column whether each of the following statements about a denial of service attack is true or false. [5]

	True or False
It aims to block an individual's email account	
The aim of the attack is spread misinformation about an organisation	
The motive is often blackmail or revenge	
It may cause the victim's network site to crash	
It may be unintentional	

[Total 15 marks]