FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

DEPARTMENT OF INFORMATION AND MEDIA TECHNOLOGY

FIRST SEMESTER 2014/2015 EXAMINATION

COURSE CODE:	CIT 315
COURSE TITLE:	INTERNET SECURITY
CREDIT UNITS:	3
TIME ALLOWED:	2HRS
COURSE LECTURER(S):	MRS GRACE ONYEABOR
NUMBER OF QUESTIONS:	4
NUMBER OF PAGES:	2

INSTRUCTIONS

- Answer all questions
- Do **not** use red pen
- Please use a clear handwriting
- This exam is closed book, closed notes, closed laptop and closed cell phone
- Please use non-programmable calculators only

1. (a) Describe the concept of malware and list five (5) types of malwares you know (**7marks**)

   (b) Explain two (2) of the malwares listed above (**8marks**)

2. (a) Briefly write on the following concepts:

   - HTTP & HTTPS (**3marks**)

   - Thunderbird (**3marks**)

   - PGP (**3marks**)

   (b) How do you receive public key and add them to your ring (**6marks**)

3. (a) List the basic security principles that can be applied to firewall design and configuration (**7marks**)

   (b) Explain two (2) of the principles listed in (3a) above (**8marks**)

4. (a) There is a new generation of mobile phones with internet access and so must have internet security issues, describe the security issues with these mobile phones (**7marks**)

   (b) Explain two (2) methods to secure voice communications (**8marks**)

Best Wishes!!!