

Dear Parents / Students

Due to the unprecedented situation, Knowledgeplus Training center is mobilized and will keep accompanying and supporting our students through this difficult time.

Our Staff will be continuously, **sending notes and exercises on a weekly basis** through **what's app and emails**. Students are requested to **copy the notes and do the exercises** on their copybooks.

The answers to the questions below will be made available on our website on knowledgeplus.mu/support.php

We thank you for your trust and are convinced that, together, we will overcome these troubled times

Proficiency of Software package – Week 5

Computer Ethics

Definition of Ethics

Computer ethics deals with the procedures, values and practices that govern the process of consuming computer technology and its related disciplines without damaging or violating the moral values and beliefs of any individual, organization or entity.

Computer ethics is a concept in ethics that addresses the ethical issues and constraints that arise from the use of computers, and how they can be mitigated or prevented.

Ethics in general

1. We often see pirated CDs software and VCD being sold at the night market. Buying pirated software is an example of unethical activity in computer ethic.
2. A guideline is needed to stop the current technology products from being exploited for example copying originals CDs and selling them as pirated software, this unethical behavior can be controlled by the code of conducts.
3. Computer ethics is a system of moral standards or values used as a guideline for computer users.

Ten important instructions of computer ethics

The United States Institute of Computer Ethics has come out with 10 instructions of Computer Ethics as follows:

1. You shall not use a computer to harm other people.
2. You shall not interfere with other people's computer work.
3. You shall not use a computer to steal.
4. You shall not copy or use software for which you have not paid illegally.
5. You shall not use other people's computer resources without permission or proper compensation.
6. You shall not look around in other people's computer files.
7. You shall not use a computer to give false identity.
8. You shall not correct other people's ideas or works.
9. You shall thin about the social effects of the program you are writing or the system you are designing.
10. You shall always use a computer in ways that ensure consideration and respect for your fellow friends.

Theory Questions

1. Tick True or False next to each of these statements.

	True	False
A mainframe computer can handle vast amount of information at a time		
Supercomputers are the only types computer that can play games		
The Minicomputer is much more powerful than the Mainframe computer.		
A desktop computer is portable		
All computers have the same basic components		

2. A) What is a Personal Digital Assistant (PDA)?
- B) State 2 differences between a PDA type computer and a desktop computer.
- C) Suggest two advantages of a notebook computers over a desktop computer.
- D) Suggest two disadvantages of a notebook computer when compared with a desktop computer.

3.

- a) List down 2 advantages of using ATM
- b) List down 2 disadvantages of using ATM
- c) Arrange the following in the required order for withdrawing money from an ATM

Take money, Enter Pin, Take receipt, Enter amount of money, Insert the ATM Card

Step 1:

Step 2:

Step 3:

Step 4:

Step 5:

4.

- i. What is the Internet?
- ii. List two services offered by the internet
- iii. List three items needed to connect to the Internet.

5.

- i.State the difference between LAN and WAN?
- ii.Give one advantage and one disadvantages of LAN
- iii.Give one advantage and one disadvantage of WAN.

6.

- a) Name and draw two common types of network topology.
- b) Give two advantages of bus topology.
- c) List down 2 disadvantages of ring topology.