

Advance Computing

Week 2: Answers

Question 1: What do the following acronyms stand for?

- a) ATM: **Automated Teller Machine**
- b) ROM: **Read Only Memory**
- c) VDU: **Visual Display Unit**
- d) KB: **KiloByte**

Question 2:

Complete each sentence using one item from the list given below.

website	e-mail	processing	instructions	icon
Search Engine	Internet	mainframe	input	window

- a) Converting data to information is called **processing**
- b) A **website** searches for information on the internet.
- c) A **mainframe** is very powerful computer.
- d) An area on the screen which displays a program or a file is an **icon**
- e) A program is a set of **instruction** that tells the computer what to do.
- f) The **internet** is a large network that spans the world.

Question 3:

Column A		Column B		Column C
1	Joystick	A	Includes text, images, animation and sound	1-F
2	Microcomputer	B	Used to display a presentation to many people	2-J
3	Multimedia	C	A device that contains a microprocessor and flash memory	3-A
4	Modem	D	Connects a computers to the internet	4-D
5	Computer projector	E	Protects computers from harmful programs created by hackers	5-B

6	Digital camera	F	An input device commonly used to play games	6-C
7	Bar code reader	G	Commonly used in supermarkets	7-G
8	Touch Screen	H	Performs both input and output	8-H
9	Antivirus	J	An example is a desktop PC	9-E

Question 4:

A bank customer can retrieve money either through an (ATM) Automatic Teller Machine or through the human bank teller inside the bank.

- a) Give two advantages of retrieving money through an ATM.

Advantages: The customer has the possibility to use the service 24 hours per day.

: Can obtain a brief statement describing recent transactions.

- b) Give one disadvantage of retrieving money through an ATM

Disadvantage: More money is required for maintenance of ATM machines.

The bank often sends letters to its clients by post. The manager is thinking to send e-mails instead of letters.

- c) Give two advantages of sending e-mails over postal letters

Advantages: Cheap - when using broadband, each email sent is effectively free.

: Emails are delivered extremely fast when compared to traditional post.

- d) Give one disadvantage of sending e-mails over postal letters.

Disadvantage: Viruses are easily spread via email attachments (most email providers scan emails for viruses on your behalf).

Question 5:

A company wishes to use video conferencing to convey its meetings

- a) Give one advantage and one disadvantage of video conferencing to the society

Advantage: Improvement to work as employees can work from home less travel means stress to employees thus less pollution and disabled people are no longer disadvantaged.

Disadvantage: It still lacks the personal touch of face to face communication.

- b) Give one advantage and one disadvantage to the participants of video conferencing.

Advantage: Travel cost and the time taken to travel can be reduced significantly.

Disadvantage: Documents cannot be signed.