

## Advance Computing

### Week 4:Answers

**Question 1: Tick True or False next to each of the following statements below.**

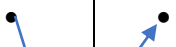




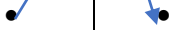

|       |  | True | False |
|-------|--|------|-------|
| (i)   | One Kilobyte is 1024 bits  | ✓    |       |
| (ii)  | A search engine is used to find web pages                              |      | ✓     |
| (iii) | The hard disk and the USB pen drive are examples of secondary storage  | ✓    |       |
| (iv)  | The keyboard, the mouse and the hard disk are all example of hardware. | ✓    |       |
| (v)   | It is quick to send the same message to many people using email        | ✓    |       |
| (vi)  | A touch screen can be used both as an input and output device.         | ✓    |       |

**Question 2: Complete the table below by using the most appropriate term from the list given.**

|                       |                            |                                     |
|-----------------------|----------------------------|-------------------------------------|
| E-Learning<br>Network | E-banking<br>Communication | Information Searching<br>E-Commerce |
|-----------------------|----------------------------|-------------------------------------|

| Statement   | Term                         |
|---|------------------------------|
| • Nowadays people buy and sell goods and services over the Internet   | <b>E-Commerce</b>            |
| • Many students use the internet to follow courses with Universities abroad and locally   | <b>E-Learning</b>            |
| • Many people use the internet to transfer funds, pay bills, view and check their accounts  | <b>E-banking</b>             |
| • People use the WWW to do research of all sorts  | <b>Information Searching</b> |
| • A group of computers linked together in order to share resources such as hardware and software.   | <b>Network</b>               |
| • Many people use the internet to send e-mails. All social media websites like Facebook are becoming more popular to chat and share files with friends. | <b>Communication</b>         |

**Question 3: Match the features in Column A to their corresponding descriptions in Column B by drawing an arrow as shown in the example below.**

| Column A            |   | Column B  |
|---------------------|---|---|
| Bit                 |  | A company which provides the user with a connection to the Internet.  |
| Thesarus            |  | To move the displayed position of the application up and down screen.                                       |
| Algorithm           |  | Garbage In Garbage Out  |
| ISP                 |  | Is the use of communication links to conduct meetings between people who are geographically separated       |
| GIGO                |  | A sequence of well defined instructions used to solve problem   |
| Vertical Scroll Bar |  | Allows a user to select a word in a text and to be offered a range of words with similar or related meaning |
| Video Conferencing  |  | It is a 1 or 0  |

#### Question 4:

A company, **BLUE LAGOON LTD**, which develops software, cannot find people with the appropriate skills in the local area. It decides to offer teleworking contracts.

(a) (i) **What is teleworking?**

Teleworking involves carrying out work away from office and communicating with the employer by using computer and telecommunications equipment.

(ii) **Give two ways in which teleworking could help the company in this situation.**

- It may tempt better staff to come and work for the company
- Travel-related problems may be reduced, example, staff being unable to get work due to rail /road delays.

(b) **BLUE LAGOON LTD** is planning to place an advert on the Internet which will highlight the advantages of teleworking to employees.

(i) **Give two advantages of teleworking to employees.**

- No commute and no travel costs
- Work around their family's needs

(ii) **Give two disadvantages of teleworking to the company.**

- Employers need to be able to trust their staff and be prepared to have less direct control over them
- There is no face to face communication between the employer and the employee.

#### Question 5:

The diagram below shows a computer monitor in **sleep mode**.



Give 2 ways to '**wake up**' the computer monitor.

**Method one**

- Method one: Press the **SLEEP keyboard** shortcut.
- Press a standard key on the **keyboard**.
- Move the mouse.
- Quickly press the power button on the **computer**.

## **Method two**

To wake up a computer or the monitor from sleep, move the mouse or press any key on the keyboard. If this does not work, press the power button to wake up the computer.