



Module 4 – Hardware Additional Exercises

Topic 1: Hardware
1. Complete the sentences by using the correct words from the list
Hardware is the collection of all the _____ parts that you can see and touch. There are external and internal parts of hardware. The _____ hardware parts are called components, and _____ hardware is called peripherals.
<p>Correct answers Physical, external, internal</p> <p>Correct sentence Hardware is the collection of all the <u>physical</u> parts that you can see and touch. There are internal and external parts of hardware. The <u>internal</u> hardware parts are called components, and <u>external</u> hardware are called peripherals.</p>
2. Is it external or internal device?
Keyboard Motherboard Monitor RAM Hard drive Mouse
<p>Correct answers external, internal, external, internal, internal, external</p>
3. Match the part with the definition
Hard drive, Monitor, Projector, Processor, Motherboard
<ul style="list-style-type: none"> ➤ This is the internal part of the computer responsible for computing and calculating information. Often called the CPU or the central processing unit. ➤ Place where the system stores all programs installed on the computer and all data entered into it. Vary in capacity and the speed at which they retrieve information. ➤ Screen that makes it possible to see data or programs being executed on a computer. Resolution refers to the clarity and sharpness of the images it displays. ➤ Primary circuit board of a computer. Supplies power to the central processing unit and every other hardware component installed on a computer. ➤ Optical device that projects an image (or moving images) onto a surface. Divided into three categories, real time, still images and moving images.
<p>Correct answers Processor, Hard drive, Monitor, Motherboard, Projector.</p>

Topic 2: Interactive Whiteboard

4. Quiz with true-false answers:

1. Every interactive whiteboards system requires two basic components: computer and project.

- a) True
- b) False

2. The interactive whiteboard was originally envisioned by David Martin and Nancy Knowlton in 1997.

- a) True
- b) False

3. Backgrounds and objects - The purpose of the background option is to apply colour or patterns to a document. The objects tool can be used for drawing or hiding other information. Both of these features have the option to add animation to it.

- a) True
- b) False

4. Every IWB comes with their own software which provides characteristics specifically made to maximize interaction opportunities. Depending on your needs, you can upgrade it to a version that you like.

- a) True
- b) False

Correct answers

False, False, True, True

5. Quiz with answers from a combo box:

- a) Pages
- b) Pens & highlighters
- c) Interactive activities
- d) Backgrounds & objects
- e) Digital galleries
- f) Page recording capabilities

	1	This is a large bank of ready-made images, multimedia and subject specific tools that can be easily incorporated into a lesson or presentation.
		This includes a series of tools, games and activities, most of which are animated and powered by Java.
	2	The main function of this is to record the activity taking place on the IWB, which can also be saved and replayed for immediate or later review.

	3	These tools are used to write and draw on the IWB. They can also be used to take a snapshot of the screen, highlight a specific area by creating a spotlight around it or use a magnifier to enhance a portion of the screen.
	4	The purpose of the background option is to apply colour or patterns to a document. The objects tool can be used for drawing or hiding other information. Both of these features have the option to add animation to it.
	5	This application functions as a design work area that can be created and modified before or during the lesson or presentation. Each page can include text, images, videos, website links and anything drawn directly on the IWB. Afterwards, all of the work done can be saved for reference and future use.

Correct answers

1E, 2F, 3B, 4D, 5A

6. Complete the sentence by using the correct words from the list

Special pen (stylus), board, digital projector

An Interactive Whiteboard (IWB) is a touch-sensitive board that needs to be connected to computer and _____, so in this way images may be projected on the interactive whiteboard surface. The computer connected to the interactive whiteboard can be controlled by touching the _____ directly with fingers or by using _____.

Correct answer

digital projector, board, special pen (stylus)

Correct sentence

An Interactive Whiteboard (IWB) is a touch-sensitive board that needs to be connected to computer and digital projector, so in this way images may be projected on the interactive whiteboard surface. The computer connected to the interactive whiteboard can be controlled by touching the board directly with fingers or by using a special pen (stylus).

7. Choose what type of learner is characteristic for the statements.

Visual, Auditory, Kinesthetic

1. These learners benefit from graphics, charts, written text or pictures.
2. These learners learn through exercises involving touch, movement and space on an interactive whiteboard.
3. These learners tend to absorb information in a more efficient manner through sounds, music, discussions, teachings, etc.

Correct answer:

Visual, Kinesthetic, Auditory