IT Fundamentals Guided Notes (ANSWER KEY)

Lesson 2.3.1 - Internal Computing Components

1. Match the following internal computer components with their descriptions .

A.Keyboard	B	Used to move cursor or select items on screens
B.Mouse	D	Used to store and read data
C.Camera	E	Used to output audio
D.External Hard Drive	A	Used to enter keystrokes
E.Speaker	F	Used to provide visuals
F. Display	C	Used to capture video

2. What is firmware?

A chip on the motherboard with a setup program embedded on it

3. What are the two types of computer firmware?

The two types of firmwares are UEFI and BIOS

4. How do HDDs and SSDs differ?

HDDs use solid disks of magnetic material turning at high speeds to store and retrieve programs. SSDs use circuit boards and chips

5. What is an NIC and how is it incorporated in a computer?

A Network Interface Card is used to connect to the Internet or some local network. NICs may be part of the motherboard or an additional component connected to the motherboard

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6. What is ARM?

ARM is a family of reduced instruction set computer architectures for computer processors, configured for various environments

7. How do 64-bit Windows machines run 32-bit programs?

WOW64 is the x86 emulator that allows 32-bit Windows-based applications to run seamlessly on 64-bit Windows

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