

Comptia A+

To watch the below video, you need to right click on the Hyperlink just below the highlighted task in red color and select the Open Hyperlink option. It will take you to the YouTube where you can watch the concerned video.

You are required to watch the video and answer the Questions asked below.

You need to type answers in the row indicated with "Ans."

What is firmware?

BIOS UEFI

https://drive.google.com/file/d/1aeBiugXH0SmbY9JJ_vz3ml6CvtwMYYE4/view?usp=sharing

1	Is windows is the software that controls the system?
Ans.	Yes
2	Is Firmware control the system before we get to the windows?
Ans.	Yes
3	What are the types of firmware?
Ans.	Bios and UEFI
4	BIOS stand for?
Ans.	Basic Input Output System
5	UEFI stands for?
Ans.	Unified Extensible Firmware Interface
6	Where are BIOS/UEFI store?
Ans.	EEPROM
7	EEPROM stands for?
Ans.	Electrically Erasable Programmable Read Only Memory
8	How do we interact with the information which is in the chip?
Ans.	CMOS Setup program
9	CMOS stands for?
Ans.	Complementary Metal Oxide Semiconductor
10	Updating BIOS is also known as?

Ans.	Flashing BIOS
11	How can you get the new BIOS program?
Ans.	download a new bios in a manufacture
12	How do you get into the CMOS setup?
Ans.	Reboot and press the f2 key
13	Can we use mouse in the CMOS setup display?
Ans.	No
14	What is the use of up and down arrow keyword?
Ans.	to select item
15	What is the use of left and right arrow keyword?
Ans.	to select menu
16	What is the use of “-/” keyword?
Ans.	to change values
17	What is the use of “Enter” keyword?
Ans.	to Select
18	What is the use of “f9” keyword?
Ans.	to setup defaults
19	What is the use of “f10” keyword?
Ans.	to save and exit
20	What BIOS allows you?
Ans.	to manipulate and setup utility
21	Give an example drive encryption of windows?
Ans.	bit locker
22	What is bit-locker?
Ans.	windows security feature that provides great encryption to entire drive to protect the data
23	What does TPM chip do?
Ans.	no tampering with the drive when boot
24	Lo-jack is used in_____
Ans.	mobile devices
25	What is secure boot?
Ans.	can check system files to make sure no tampering when boot
26	BIOS built POST diagnostic?

Ans.	Yes
27	POST stands for _____
Ans.	Power On Self Task
28	What is the use of POST?
Ans.	checking if everything is okay in the system
29	What are the things we can monitor using BIOS to help our system?
Ans.	temperature, fan speed, intrusion detection,voltages,clock settings,bus speed
30	What do you mean by bus speed?
Ans.	how fast things can move data from one component to another