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 RAM?

<table>
<tr><td colspan="2">

RAM
https://drive.google.com/file/d/1tRsYguWM-OTLspQskD8EXR5gjzlVXyOd/view?usp=sharing

</td></tr>
<tr><td>1</td><td>What is RAM?</td></tr>
<tr><td>Ans.</td><td>is a temporary memory where your computer stores data that needs to retrieve quickly and making the graphics work</td></tr>
<tr><td>2</td><td>Ram stands for?</td></tr>
<tr><td>Ans.</td><td>Random Access Memory</td></tr>
<tr><td>3</td><td>How much ram we can add to the system?</td></tr>
<tr><td>Ans.</td><td>as long as the motherboard, operating system and cpu support compatibility</td></tr>
<tr><td>4</td><td>What are benefits of ram?</td></tr>
<tr><td>Ans.</td><td>provides high speed data access, more space capacity for processing purposes,</td></tr>
<tr><td>5</td><td>How many memory slots are there in the system?</td></tr>
<tr><td>Ans.</td><td>4 slots</td></tr>
<tr><td>6</td><td>How to remove ram from the slots?</td></tr>
<tr><td>Ans.</td><td>press down the tabs to release ram</td></tr>
<tr><td>7</td><td>How much ram windows 10 support?</td></tr>
<tr><td>Ans.</td><td>128gb</td></tr>
<tr><td>8</td><td>How we can get the information/capabilities of the system easily?</td></tr>
<tr><td>Ans.</td><td>get to know about the documentation about your motherboard or download a system scanner to know the best information/capabilities about your system</td></tr>
<tr><td>9</td><td>What is the variation in the ram?</td></tr>
<tr><td>Ans.</td><td>parity/non parity , ecc/non ecc, buffered/non , single/double</td></tr>
</table>

10	ECC stands for?
Ans.	Error Correcting Code
11	What is parity memory?
Ans.	it will detect if it has an error but there is no correcting for the error
12	What is non-parity memory?
Ans.	no detecting for error
13	What is ECC memory?
Ans.	some error correction done in circumstances
14	What is non-ECC?
Ans.	module that do not have a error detecting features
15	What is buffered memory?
Ans.	temporary storage that back up and stores data in a buffer to hand into processing
16	What is un-buffered memory?
Ans.	no buffer / non ecc
17	Buffer is also known as?
Ans.	RDIMM
18	Un-buffered is also known as?
Ans.	UDIMM
19	What is single channel memory
Ans.	one channel for the cpu to access the memory
20	What is double channel memory?
Ans.	two channels for the cpu to access the memory
21	What is use of single/double channel/triple channel memory?
Ans.	to increase the speed of communication between ram and cpu
22	What are the variants of the chip?
Ans.	RDIMM and UDIMM
23	DIMM stands for?
Ans.	dual inline memory module
24	DIMM is also known as?
Ans.	dual inline memory module
25	What do you mean by DIMM?
Ans.	RAM stick

26	How many pins are there on the chip?
Ans.	168 pins
27	What kind of chip we use in portable computer?
Ans.	SODIMM - Small Outline Dual Inline Memory Module
28	What are the types of modular technology we can use into the ram for the speed?
Ans.	SDRAM , DDR
29	SDRAM stands for?
Ans.	Synchronous Dynamic Random Access Memory
30	DDR stands for?
Ans.	Double Data Rate
31	What is the speed of DDR500?
Ans.	4000 megabit per second
32	What is the speed of DDR1600?
Ans.	12.8 gb per second
33	UDIMM stands for?
Ans.	Unregistered Dual Inline Memory Module
34	RDIMM stands for?
Ans.	Registered Dual Inline Memory Module