**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.”

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| **DHCP and DNS**  <https://drive.google.com/file/d/14LHMMn_JLv6vuZEE5Lvwan6MWCaniow3/view?usp=sharing> . | |
| 1 | DNS stands for? |
| Ans. | Domain Name System |
| 2 | How do we get to the IP address? |
| Ans. | On the taskbar, select Wi-Fi network > the Wi-Fi network you're connected to > Properties. Under Properties, look for your IP address listed next to IPv4 address. |
| 3 | What is Ip address |
| Ans. | An Internet Protocol (IP) address is the unique identifying number assigned to every device connected to the internet. |
| 4 | DHCP stands for? |
| Ans. | Dynamic Host Configuration Protocol (DHCP) is a network protocol used to automate the process of configuring devices on IP networks, |
| 5 | How do we get IP address automatically? |
| Ans. | **To enable DHCP or change other TCP/IP settings**   1. Select Start, then type settings. Select Settings > Network & internet. 2. Do one of the following: ... 3. Next to IP assignment, select Edit. 4. Under Edit network IP settings or Edit IP settings, select Automatic (DHCP) or Manual. |
| 6 | APIPA stands for? |
| Ans. | Automatic Private IP Addressing |
| 7 | What do you mean by APIPA? |
| Ans. | APIPA) refers to a feature implemented in the Microsoft Windows operating system that allows devices to automatically assign IP addresses to themselves when they cannot get an IP address from a Dynamic Host Configuration Protocol (DHCP) |
| 8 | How to see the network connection details or address information? |
| Ans. | Step 1: Press Windows + I to open the Settings app. Step 2: Click Network & Internet on the left pane, then click Advanced network settings on the left. Step 3: Click Hardware connection properties on the left. Step 4: Now, you may browse through to check your network connection |
| 9 | What does **ipconfig** command display in command prompt? |
| Ans. | the basic IP addressing information for each network interface on the Windows system. |
| 10 | What does **ipconfig / all** command display in command prompt? |
| Ans. | Ipconfig is WidnowsOS command to list all current TCP/IP network configuration values and refreshes dynamic host configuration protocol and domain name system settings. With /all it will display the full TCP/IP configuration for all IP adapters. |
| 11 | What does DNS do? |
| Ans. | DNS give name to the particular IP address |