**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.”

| **Hands on lab TCP/IP**  <https://drive.google.com/file/d/14GzJEpDeSA22aT3MphHgBRpQDKu0hlCt/view?usp=sharing> | |
| --- | --- |
| 1 | TCP/IP stands for? |
| Ans. | transmission control protocol and internet protocol |
| 2 | How to set IP address? |
| Ans. | we can set set this automatically or or putting it manually |
| 3 | What is Ip address |
| Ans. | it's a doted decimal notation |
| 4 | What is subnet mask? |
| Ans. | it breaks the IP address into two parts |
| 5 | Show with an example which part identifies host and network? |
| Ans. |  |
| 6 | What is default gateway address? |
| Ans. | to communicate with network |
| 7 | DNS stands for? |
| Ans. | domain name system |
| 8 | What are the private addresses we can use? |
| Ans. | 10.0.0.0 - 10.255.255.255, 172.16.00-172.31..255.255 |
| 9 | APIPA stands for? |
| Ans. | automatic private Internet Protocol address |
| 10 | What do you mean by APIPA? |
| Ans. | it assigns the address |
| 11 | IPv4 stands for? |
| Ans. | internet protocol version 4 |
| 12 | IPv6 stands for? |
| Ans. | internet protocol version 6 |
| 13 | Is IPv4 a 32bits? |
| Ans. | yes |
| 14 | Is IPv6 a 128bits? |
| Ans. | yes |
| 15 | Can we run IPv4 and IPv6 together? |
| Ans. | yes |