**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 are TCP and UDP?**

| **TCP and UDP ports**  <https://drive.google.com/file/d/14I2YMggeNneZwKbClwkeR9_kDVG6RPAx/view?usp=sharing> | |
| --- | --- |
| 1 | TCP stands for? |
| Ans. | transmission control protocol |
| 2 | UDP stands for? |
| Ans. | user data protocol |
| 3 | What is TCP? |
| Ans. | transmits data over network from one place to another |
| 4 | What is UDP? |
| Ans. | transport packets across the networks |
| 5 | Which is reliable to send information UDP or TCP |
| Ans. | tcp |
| 6 | Why we use UDP |
| Ans. | it is quick |
| 7 | What is port number? |
| Ans. | it is indicate number which indicates where to send the data |
| 8 | What we need if we combine port number and IP address |
| Ans. | sockets and port |
| 9 | HTTP stands for? |
| Ans. | hypertext transfer protocol |
| 10 | Which technology HTTP uses TCP or UDP? |
| Ans. | tcp |
| 11 | What is the port number of HTTP? |
| Ans. | 80 |
| 12 | What is the use of HTTP? |
| Ans. |  |
| 13 | HTTPS stands for? |
| Ans. | hypertext transfer protocol secure |
| 14 | Which technology HTTPs uses TCP or UDP? |
| Ans. | tcp |
| 15 | What is the port number of HTTPs? |
| Ans. | 443 |
| 16 | Why we use HTTPS? |
| Ans. | to secure web surfing |
| 17 | DNS stands for? |
| Ans. |  |
| 18 | Which technology DNS uses TCP or UDP? |
| Ans. | udp and tcp |
| 19 | What is the port number of DNS? |
| Ans. | 53 |
| 20 | What is the use of DNS |
| Ans. | it makes the nuggets |
| 21 | What is telnet? |
| Ans. | remote the device |
| 22 | Which technology Telnet uses TCP or UDP? |
| Ans. | tcp |
| 23 | What is the port number of telnet? |
| Ans. | 23 |
| 24 | Is Telnet is secure? |
| Ans. | no |
| 25 | Is SSH is the replacement of telnet? |
| Ans. | yes |
| 26 | SSH stands for? |
| Ans. | secure shell |
| 27 | Which technology SSH uses TCP or UDP? |
| Ans. | tcp |
| 28 | What is the port number of SSH? |
| Ans. | 22 |
| 29 | FTP stands for? |
| Ans. | file transfer protocol |
| 30 | What is the use of FTP |
| Ans. | transfer the files over internet |
| 31 | Which technology FTP uses TCP or UDP? |
| Ans. | tcp |
| 32 | What is the port number of FTP? |
| Ans. | 21 |
| 33 | TFTP stands for? |
| Ans. | trivial file transfer protocol |
| 34 | Which technology TFTP uses TCP or UDP? |
| Ans. | udp |
| 35 | What is the port number of TFTP? |
| Ans. | 69 |
| 36 | What is TFTP? |
| Ans. | transfer the files |
| 37 | SNMP stands for? |
| Ans. | system network management protocol |
| 38 | What is SNMP? |
| Ans. | manage the network |
| 39 | Which technology TFTP uses TCP or UDP? |
| Ans. | manage the system over network |
| 40 | What is the port number of TFTP? |
| Ans. | 161 |
| 41 | SMTP stands for? |
| Ans. | system mail transfer protocol |
| 42 | Which technology SMTP uses TCP or UDP? |
| Ans. | tcp |
| 43 | What is the port number of SMTP? |
| Ans. | 25 |
| 44 | POP3 stands for |
| Ans. |  |
| 45 | Which technology POP3 uses TCP or UDP? |
| Ans. | tcp |
| 46 | What is the port number of SMTP? |
| Ans. | 25 |
| 47 | IMAP stands for? |
| Ans. |  |
| 48 | Which technology IMAP uses TCP or UDP? |
| Ans. | tcp |
| 49 | What is the port number of IMAP? |
| Ans. | 143 |
| 50 | RDP stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Ans. | remote desktop protocol |
| 51 | Which technology RDP uses TCP or UDP? |
| Ans. | tcp |
| 52 | What is the port number of SMTP? |
| Ans. | 3389 |
| 53 | SMB stands for? |
| Ans. | server message block |
| 54 | What is SMB? |
| Ans. | bring the internet file to windows |
| 55 | Which technology SMB uses TCP or UDP? |
| Ans. | tcp |
| 56 | What is the port number of SMB? |
| Ans. | 137-139, 445 |
| 57 | AFP stands for? |
| Ans. | apple file network |
| 58 | Which technology SMTP uses TCP or UDP? |
| Ans. | tcp |
| 59 | What is the port number of SMTP? |
| Ans. | 427, 548 |