**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 storage ?**

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| --- | --- |
| **Optical, magnetic and hot swappable**  <https://drive.google.com/file/d/13r87AskmZs9bKnLXpQJfQfbsfb93RPrH/view?usp=sharing> | |
| 1 | What is storage? |
| Ans. | Storage is a mechanism that enables a computer to retain data, either temporarily or permanently. |
| 2 | What are the types of storage? |
| Ans. | disk systems and tape systems. The disk system can include HDDs, SSDs or Flash drives. The tape system can include tape drives, tape |
| 3 | What are things we are concerned about storage |
| Ans. | Space, accessibility, durability, money , long or short term |
| 4 | How we measures the size of storage? |
| Ans. | Mb and Gb |
| 5 | What is the size of bit? |
| Ans. | 0-1 |
| 6 | What is the size of kilobyte? |
| Ans. | One kilobyte (KB) is a collection of about 1000 bytes. |
| 7 | What is the size of Megabyte? |
| Ans. | One megabyte is about 1 million bytes |
| 8 | What is the size of Gigabyte? |
| Ans. | One gigabyte (GB) is about 1 billion bytes, |
| 9 | What is the size of Terabyte? |
| Ans. | about 1 trillion bytes |
| 10 | What is the size of Petabyte? |
| Ans. | One petabyte holds 1000 terabytes (TB) |
| 11 | What is the size of Exabyte? |
| Ans. | 1,000 petabytes (or 1,000,000 terabytes). |
| 12 | MBPS stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Ans. | Megabits per second |
| 13 | What are the major categories of optical storage |
| Ans. | CD-ROM, DVD-ROM, DVD-RAM, recordable media, write-once read-many (WORM) optical cartridges, and erasable optical cartridges. |
| 14 | What is the size of CD-ROM/CD-RW? |
| Ans. | 12 cm (120 mm) and 8 cm (80 mm |
| 15 | What is the size of DVD-ROM/RW/RW/RW-DL? |
| Ans. | DVD +\_ R 4.7GB , DVD RW 4.7GB , |
| 16 | What is the size of Blue-ray? |
| Ans. | bLUE-ray represents the third generation of compact disc (CD) technology, after audio CDs and digital video discs (DVDs). |
| 17 | RW stands for? |
| Ans. | Read and write |
| 18 | CD stands for? |
| Ans. | Compact disk |
| 19 | DL stands for? |
| Ans. | Data link |
| 20 | What is optical storage? |
| Ans. | optical storage is any storage type in which data is written and read with a laser. Typically, data is written to optical media such as compact discs (CDs) and digital versatile discs (DVDs). |
| 21 | Hard disk is invented by? |
| Ans. | IBM |
| 22 | What are the things we concern about hard disk? |
| Ans. | SPACE AND SPEED OR RPM AND PRICE |
| 23 | Speed of hard disk is measure in |
| Ans. | RPM |
| 24 | RPM stands for? |
| Ans. | REVALUTION PER MINTE |
| 25 | What is the lowest RPM? |
| Ans. | Zero 0 |
| 26 | What is the benefit of faster hard disk? |
| Ans. | data read and write speeds. |
| 27 | What is hot swappable storage? |
| Ans. | Hot swap hard drives allow users to remove or replace a hard drive without disruption or powering off the device. |