

Ans: 14

Date: 12 Oct - 2021

RAM

ROM

Basics

Meaning

Random Access Memory

Read Only Memory

volatile

RAM is volatile memory when the power is off then the data is erased

ROM is non-volatile memory. data is stored permanently and cannot be erased when power is off as computer is switched off

~~concept~~ ~~just~~ (2)

Cost

RAM is expensive or costlier than ROM

ROM is cheaper than RAM

Storage

RAM storage capacity is temporary in nature

ROM storage capacity is permanent in nature

Example

SRAM and DRAM are examples of RAM

EPROM, EROM, are examples of ROM

Ans 2

SRAM -> Static Random Access Memory

are types of memory in which data is stored on volatile in nature it is types of Random Access memory

SRAM costlier than DRAM. Needed more storage capacity of the SRAM is higher than DRAM (1/2)

- ③ storage capacity is higher than DRAM.
- ④ writing speed is faster than DRAM.

Primary Memory

① It is known as main memory.

② Data is easily

③ Data is easily erasable.

④ Its storage capacity is faster and store data temporary.

⑤ Writing speed of data is faster than secondary memory.

⑥ Size:- data is stored in form of chips.

⑦ eg:- ROM, RAM.

⑧

Secondary Memory

① It is known as external memory or auxiliary memory.

② Data is not erased easily because it is permanent memory.

③ Its storage capacity is slower and memory is stored permanently.

④ Writing speed of data is slower compared to secondary memory.

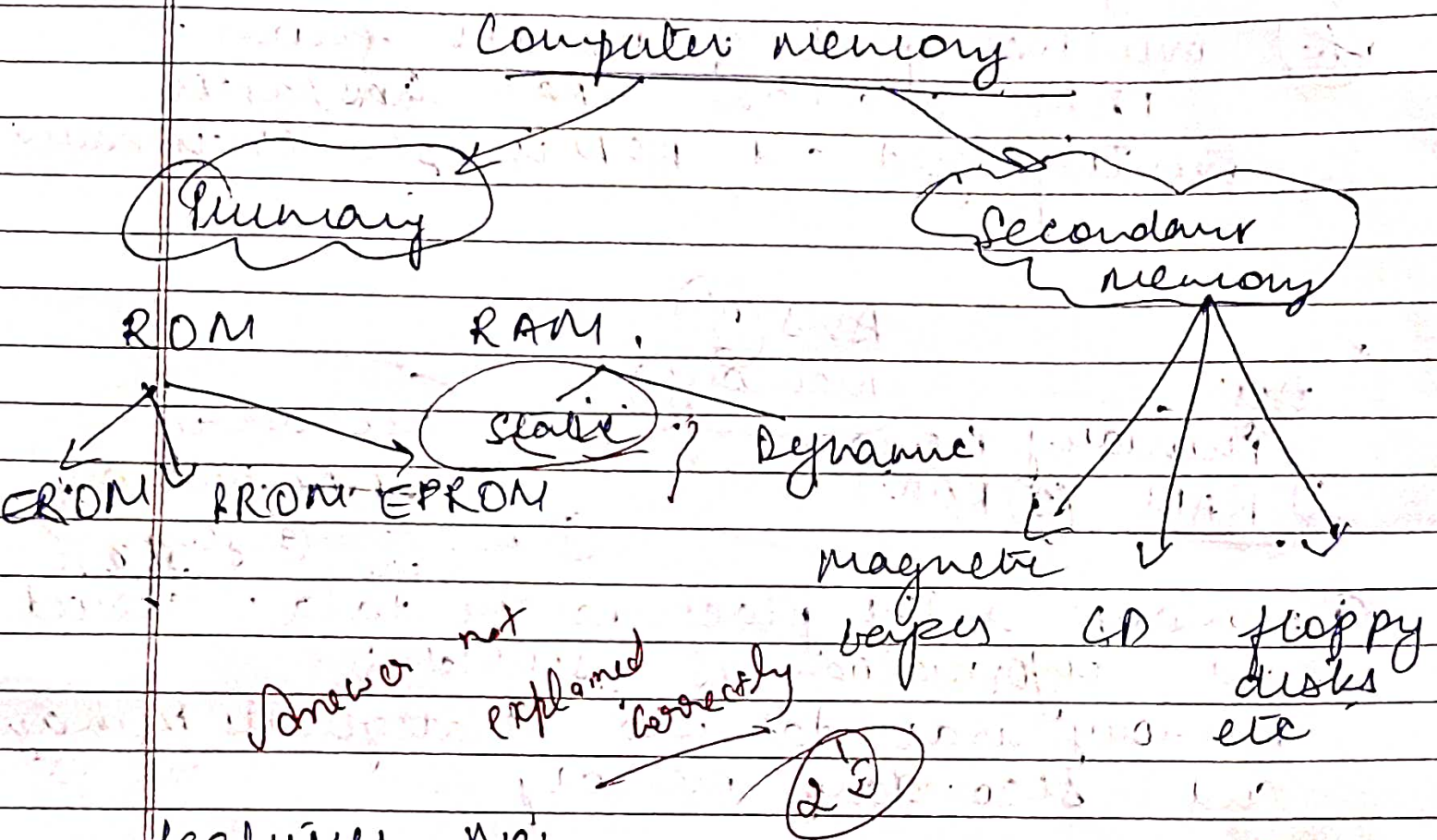
⑤ Data is stored in form of processor.

⑥ floppy disk, magnetic tapes, microprocessors etc.

Grammar

Group

Computer memory is like a human brain. Computer is also having a memory where data is stored is known as memory. Its location in which the data is stored.

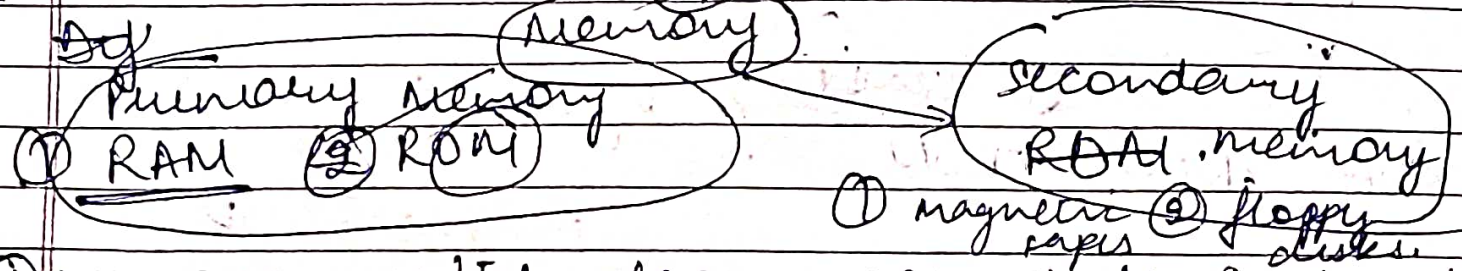


features are

- ① Memory is further classified in primary memory and secondary memory.
- ② Primary memory is the main memory where data is stored and secondary memory where data is store Auxiliary or external memory.
- ③ Memory is the where each location is addressed and having a different identity.

- ① ~~Memory~~ data is stored in the form of chips and processor.
- ② Primary memory is expensive as compared to secondary memory.
- ③ Writing speed of values from RAM and ROM, RAM has faster writing speed and ROM is slower in value.

Ans (3)



① Memory is the place where data is stored and information is stored in. memory is divided into 2 categories Primary and secondary memory.

- ② RAM -> Random Access memory is volatile in nature. It is more expensive than ROM.
- ③ ROM is further classified into EPROM, PROM and EEPROM.

Not attempted in detail

④ Secondary memory is the Auxiliary or external memory where data is stored permanently.

- ① types floppy disks, CD, DVD's magnetic types