

## HindPhotostat



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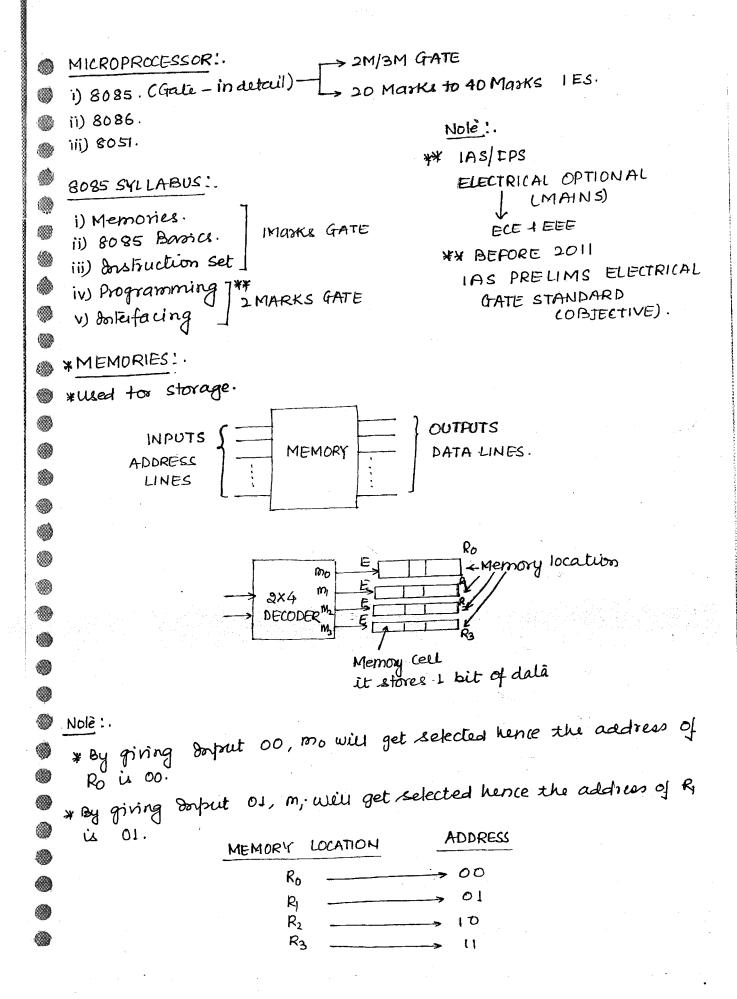
## MADE EASY ELECTRONICS ENGINEERING

Microprocessor By-M.V.R . Shastri Sir

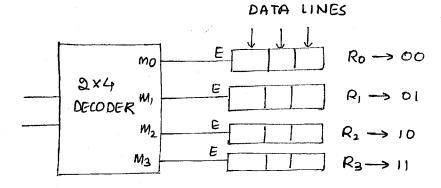
- Theory
- Explanation
- Derivation
- Example
- Shortcuts
- Previous Years Question With Solution

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Courier Facility All Over India (DTDC & INDIA POST) Mob-9311989030



\* ADDRESS :. \*ADDRESS is a kinary code which enables a penticular location



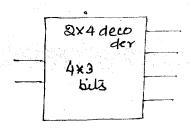
\* In order to store data in memory the following sequence has to be followed:

- i) Select the location by giving an appropriate address.
- ii) give the data through the Data lines.

\* SIZE OF

\* Size of Memory is measured in bite and is equal to No. of memory location multiplied with No. of bits / location

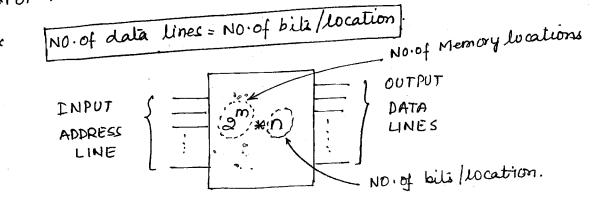
> Memory Size = No. of memory x No. of bita/location location

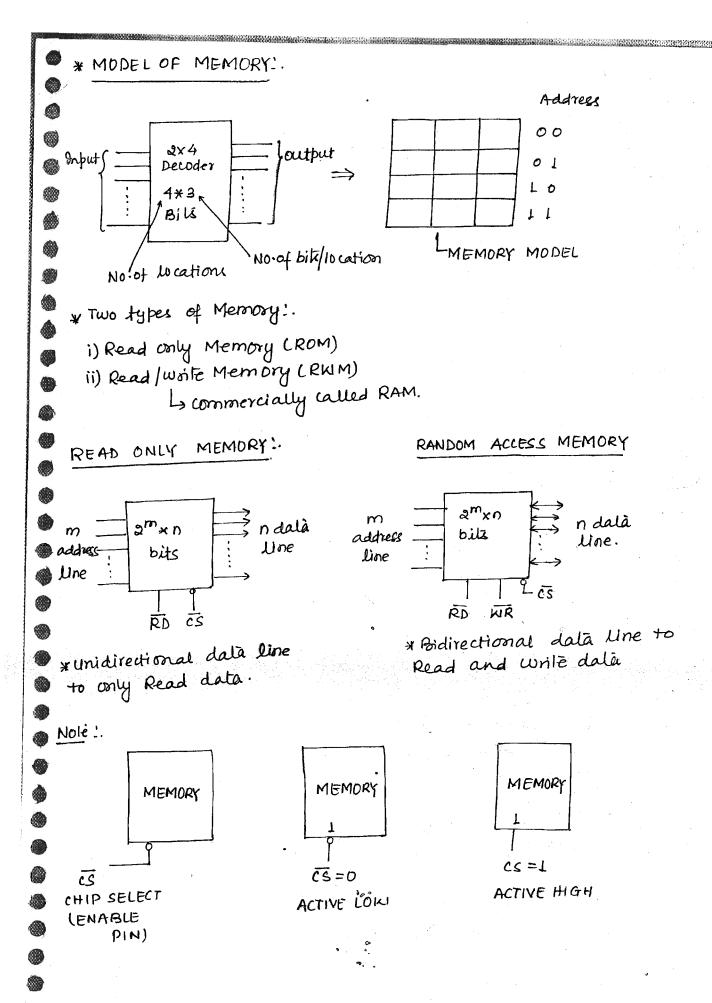


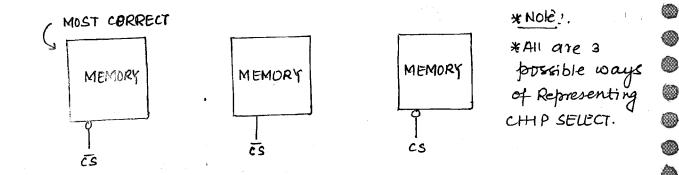
4 -> locations.

3 -> bita/10 cation

\*for m address lines, no of location is 2m.



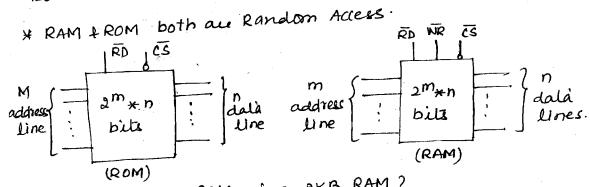




\* RAM

\* Random Access 11/5 Secial Access!

\* In Random access we directly give the address and reach the location where dala is stored, but in Seval access to reach some lo cation we have to go secially

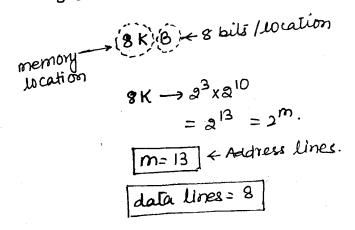


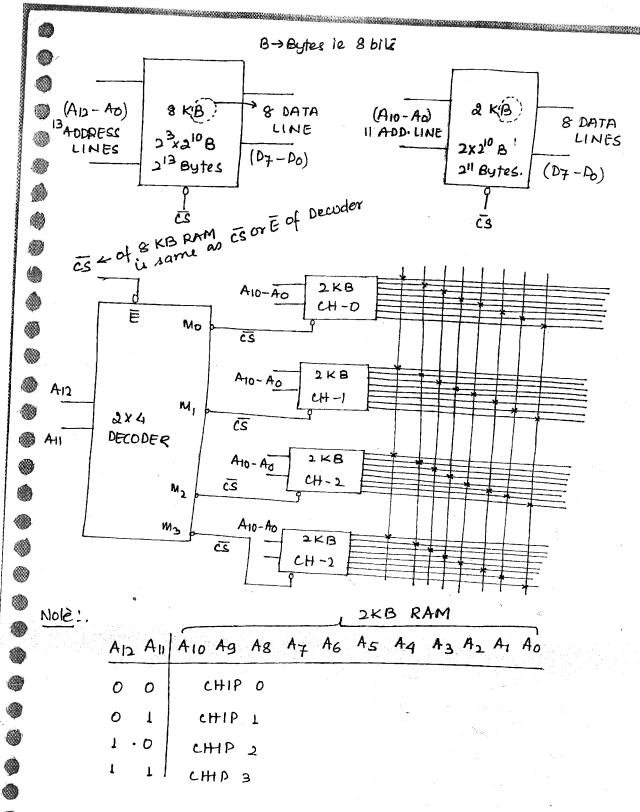
01) construct & KB RAM using & KB RAM? KILO-210 Bili; MEGA -> 220 Bili; GIGA -> 230 Bili. Soln.

\* Requirement is 8KB

B: Bytes

8 bilis make a Bylè





02) confourt 32 KB ROM wing 4 KB ROM.

Solm! 32 KB ROM

25x210 Bytes

Address lines = 15 Data line = 8 4 KB ROM

2 x 2 10 Bytes

Address line: 12. Dalā line = 8.

