

Ques 11

Section-3

Static Ram	Dynamic Ram
1. SRAM uses transistors to store a single bit of data.	1. DRAM uses a separate capacitor to store each bit of data.
2. SRAM does not need periodic refreshment to maintain data.	2. DRAM needs periodic refreshment to maintain the data.
3. SRAM are expensive as compared to DRAM.	DRAM are less expensive as compared to SRAM.

SRAM has lower access time and is faster whereas DRAM has higher access time and slower. Compared to SRAM, SRAM uses transistors and latches which DRAM uses capacitor and word lines for the form. SRAM is

of on chip memory of
off - chip memory.

Which is better SRAM or DRAM?
SRAM is typically faster than DRAM
since it does not have refresh
cycles.

Since each SRAM memory cell
which is comprised of transistor
and 1 capacitor the cost per
memory cell is greater than an
SRAM compared to a DRAM

where is used SRAM and DRAM.

The main static differentiate SRAM
from DRAM.

Dynamic random access memory
which must be periodically refreshed.
SRAM is faster and more expensive
than DRAM.