DATE 27/05/2021 190050820001 end Sessional ... 4th SEM/Comp. Engg. Subject: Computer Organisation. Section: A Ans-1 a) RAM chip - Random Access Memory It is a volatile numory It is based semiconductor IC It is used for storing bod programs and data. It doesn't work when computer is toroned off i.e. it stores information only when computer is on. These are of two types Static RAM

Dynamic RAM is sold chip - Read only Memory

It stores the programs that

are permanent in the system. It is non-volatile. It's contents. are safe even it the computer is twowed off and Types of Romane PROMI (Programmable ROM) · EPROM (Engrable Programmable ROM) · EEPROM (Electrically EPROM)

190050820001 Auxillary Memory

Tt is a secondary memory.

Ceconidary memory is very important part of a computer system. It makes the general purpose computer fast and makes it capable to do even hard jobs.

It stores the programs and results after program gets

completed.

Auxillary memories used are—

Magnetic. Tapes Magnetic Tapes

Magnetic Disto (v) Associative Memory memory unit that is accessed by content trather than address is known as Associative memory.

We can eighticantly treduce the stance required to find an item from memory by accessing the contents to Nather than Tu this whenever a word is to be read from associative the contents of that word. The memory is locates all words

190050820001 MATRI which matches the word are specified. v) Cache Memory It is a fast and temporary memory of is placed between processor memory and the main memory.

It stores some contents of main memory which are currently used by the CPU. It is it very costly memory and it's size is limited.

It is used to increase the speed of computer as it makes the contents in available used in current program that is processing. 1310s stands Tot leading vi) Vintual Memory 
bit of a bit Vintual memory is like

rough a gast concept insects for fully excusing trabilitie secondary memory take space imore than available mont of bersi-executed. in the dotatosthat is to be auted by Good Wired grams is du singtime ention,

(4) 19005082000L and that data is stored into secondary memory then only a part of data is available at a time in the main twill be used after this.

The data that is store be used cités secondary, com es first infind the data that is used is sent & back to secondary memory Ans-2 BIOS: BIOS stands for Basic

Tuput - Dutput: System:

It can be initiated / started

after switching on the competer

before the windows screen comes Clouding screen ) . You can start flis by pressing f8. By pressing f8, you enter into BIDS settings
It is a built-in software in any computer. It usually tells what a computer can do without using information from Good Write

190050820001 disks or without the need of disks. In computers, the BIOS contains codes for controlling teyboard, display screen mouse, etc.

Thise Information are stored in others installed an computer mother board ners 3 It basically provides a interface between the CPO and other peripheral devices. \* BIOS of functioning - 2013

The following of BIOS: - MOUNT a) 5 BIOS (POST) Power on Self Test

b) BIOS setup utility program

c) Bootstrap loader

d) System Service Routines, et POST Bootstrap Loader B105 Setup Program System Service Good Write Routines

190050820001 gine Blos cons EEPROM ( Electrically Example more in fine 9 computers