

## COMPUTER ORGANIZATION DAY WISE SCHEDULE (20/04/2020 TO 30/04/2020)

All the students here by informed to follow the below schedule for next week without fail am sure that if you finish below questions on time you can finish 90% of the syllabus and am calling it as (Divide and Conquer) Strategy to conquer the Computer Organization subject

**I wish all the students will finish this task on time and get maximum benefit from it  
All the best Keep Rocking**

20/04/2020

1. 8086 CPU Pin Diagram LAQ
2. 8088 Architecture /block diagram

21/04/2020

1. 8086-Instructionsets
2. programming model 8086
3. Special functions of general purpose registers
4. Segment register

22/04/2020

1. Addressing modes of 8086
2. Flag Register

23/04/2020

1. concept of pipelining
2. sorting
3. evaluation of arithmetic expressions

24/04/2020

1. Memory Hierarchy
2. RAM, ROM Organization With Sketches
3. Write Short Notes On Cache Memory

25/04/2020

1. Mapping Techniques With Examples(EACH ONE LAQ)
  - Associative Mapping
  - Direct Mapping

- Set-Associative Mapping
2. Virtual Memory Organization

26/04/2020

- ASSOCIATIVE MEMORY
- Virtual Memory Organization

27/04/2020

- ASYNCHRONOUS DATA TRANSFER(STROBE AND HANDSHAKING)
- ISOLATED VERSUS MEMORY-MAPPED I/O

28/04/2020

- write short notes on synchronous and asynchronous data transfer
- Asynchronous Communication Interface(UART) with a block diagram
- write short notes on MODES OF TRANSFER

29/04/2020

- write short notes on DMA transfer
- Input-output Processor (IOP)

SAQ:

- synchronous and asynchronous data transfer
- difference between peripheral and memory mapped IO
- DMA

30/04/2020

- INSTRUCTION FORMATS (0,1,2,3 ADDRESS)
- ADDRESSING MODES WITH NUMERIC EXAMPLES
- INSTRUCTION FORMAT BASED ON INTERNAL ORGANIZATION
  - Single accumulator organization.
  - General register organization.
  - Stack organization.

**SD/-  
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