

# Sessional Internal Exam

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Organization

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## Section-1

Ques 1

Ans. - 1

Digital circuits are the most common mechanical representation of Boolean algebra and are the basic of all digital computers.

Information without being converted up as a computer.

Such circuits are referred to as random logic.

Which type of Com circuits are good and better?

Explanation: N-well Com circuits are better than P-well Com circuits because of lower substrate bias.

Explanation: N-well is formed by using ion implantation or diff. - union.

Compared to analog electronic digital electronics is more popular nowadays because of their advantages.

\* Digital Electronic circuits are relatively easy to design.

\* It has higher accuracy, programmability.

\* Transmitted signals are not degraded easily.

Digital circuits - use transistors to create logic gates in order to perform Boolean logic.

This logic is the foundation of digital circuits and

Computer processing.

Digital circuits are less susceptible to noise or degradation in quality.

than analog circuits.

A. digital system is a system which deal with discrete signal.

The input and output of this system is two binary value which is 0 and 1.

Example is two binary value which 0 and 1.

Digital system are mobile phones, radio, megaphones and many more.

student who choose to focus on digital electronic study.

The network of semiconductor device such as transistor, processor, memory and can be easily understood by digital micro processor.