

Basic Digital Electronics Objective Questions With Answers

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~~Multiple Choice Questions and Answers on Digital Electronics~~

DIGITAL ELECTRONICS Questions :-1.In which of the following base systems is 123 not a valid number? (a) Base 10 (b) Base 16 (c)Base8 (d) Base 3 Ans:d. 2. Storage of 1 KB means the following number of bytes (a) 1000 (b)964 (c)1024 (d) 1064 Ans:c. 3. What is the octal equivalent of the binary number: 10111101 (a)675 (b)275 (c) 572 (d) 573. Ans:b. 4.

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In this 2020 Digital electronics interview questions and answers. These Digital electronics interview questions are divided into two parts are as follows: Part 1 | Digital Electronics Interview Questions (Basic) This first part covers basic Interview Questions and Answers. Q1.What is the difference between Latch and Flip-flop? Answer:

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Digital Electronics Interview Questions A list of top frequently asked Digital Electronics Interview Questions and answers are given below. 1) What is the difference between Latch And Flip-flop? The difference between latches and Flip-flop is that the latches are level triggered and flip-flops are edge triggered.

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Objectives At the end of the course you should Be able to design and construct simple digital electronic systems Be able to understand and apply Boolean logic and algebra a core competence in Computer Science Be able to understand and build state machines

~~Digital Electronics Part I - Combinational and Sequential ...~~

Electronics Questions and Answers (20) Filter Circuits (9) Founder Speaks (3) GATE Questions and Answers (1) Integrated Circuits (7) Interview (8) JK Flip Flop (3) Logic circuits (1) Logic Gates and Boolean Algebra (10) Long Questions and Answers (3) MCQ (3) Multiple Choice Questions and Answers (57) Number System (1) Operational Amplifier (3) Oscilloscopes (2)

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MULTIPLE CHOICE QUESTION Electronics & Communication Engineering Fifth Edition

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MCQs of Basic Electronics 50 Questions. Basic Electronics questions and answers with explanation for interview, competitive examination and entrance test.. For ANS 1=A, 2=B, 3=C, 4=D. 1. A resistor with colour bands: red-red-red-gold, has the value: 22k 5%; 2k2 5%

~~MCQs of Basic Electronics, 50 Questions~~

Question 20 : A P_N junction diode conducts: Option-1 : more current in one direction and this current in the opposite direction : Option-2 : equal currents in both direction: Option-3 : no currents in either direction: Option-4 : more current on one direction and almost zero current in the opposite direction

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Basic level question to test your skills on electronics, keep calm and join the basic electronics quiz

~~Basic Electronics Quiz 1 - Theorycircuit~~

Here you can find Digital Electronics interview questions with answers and explanation. Why Digital Electronics? In this section you can learn and practice Digital Electronics (Questions with Answers) to improve your skills in order to face the interview, competitive examination and various entrance test (CAT, GATE, GRE, MAT, Bank Exam, Railway Exam etc.) with full confidence.

~~Digital Electronics Questions and Answers~~

To make it easy for you guys, I've collected a few basic electronics questions from different topics and organized them into different sections. Initially, I'll be concentrating majorly on multiple choice type questions and in the future I'll add the explanations and some short answer type questions.

~~Basic Electronics Questions for Interviews and Answers~~

Short Questions 1. Define Gates. 2. List out the basic gates. 3. Define AND Gate. 4. What do you mean by logic circuit? 5. How to obtain dual of a given expression. 6. What do you mean by truth table? 7. Define variable. 8. What is Redundancy Law? 9. Define complement. 10. List out the Postulates. 11. What is the method of perfect induction? 12. Define OR Gate. 13.

~~Department of Computer Science & Technology~~

GATE ECE Digital Circuits's Number System and Code Conversions, Boolean Algebra, Logic Gates, Combinational Circuits, Sequential Circuits, Semiconductor Memories, Logic Families, Analog to Digital and Digital to Analog Converters Previous Years Questions subject wise, chapter wise and year wise with full detailed solutions provider ExamSIDE.Com

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Read Only Memory ROM MCQs: 149 Multiple Choice Questions. Semiconductor Memories MCQs: 42 Multiple Choice Questions. Sense Amplifiers and Address Decoders MCQs: 51 Multiple Choice Questions. SPICE Simulator MCQs: 29 Multiple Choice Questions. Transistor Transistor Logic (TTL) MCQs: 117 Multiple Choice Questions. "Analog to Digital Converters MCQs" pdf covers quiz questions about analog to digital converter, digital to analog converter, and seven segment display. "BICMOS Digital Circuits MCQs" pdf covers quiz questions about introduction to BICMOS, BICMOS inverter, and dynamic operation. "Bipolar Junction Transistors MCQs" pdf covers quiz questions about basic transistor operation, collector characteristic curves, current & voltage analysis, DC load line, derating PD maximum, maximum transistor rating, transistor as amplifier, transistor characteristics & parameters, transistor regions, transistor structure, transistors, and switches. 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In the recent years there has been rapid advances in the field of Digital Electronics and Microprocessor. This book is intended to help students to keep pace with these latest developments. The Present book is revised version of earlier book 'Introduction to Digital Computers' by the same author. Now this book is written in a lucid and simple language, which gives clear explanation of basics of Digital Electronics, Computers and microprocessors.

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A great way for technicians to learn about digital techniques and computers DESCRIPTION As computer technology has evolved, there have been two groups of people: the hardware group that understands the machine, and the software group that codes in high-level programming languages. This book puts the two together by providing an understanding of the nuts and bolts of digital devices and implementing hardware operations by coding a microController. We use the Arduino microController, which is embraced by the world-wide maker community of well over 300,000 people of all ages and technical backgrounds. The projects start at ground level and scaffold upward to fun challenges. We begin with a background on digital circuitry and cover the operation of the Arduino microController. From there, we examine digital logic gates, which are the building blocks of computer hardware, and see how they make decisions. Next, we explore how digital devices work with numbers and do arithmetic along with how they count binary numbers. We also see how data moves between points in serial or parallel form as we build and test the circuitry to do the work. The topic of random number generation is explained, and we

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design a few simple computer games to see how this all works and have some fun. The book leads up to the reader producing a final capstone project. The format of the book is perfect for a digital electronics high school or college course, but easy enough to follow so that anyone with a basic background in DC circuits will have an enjoyable time with the many projects. KEY FEATURES 1. Work with (gates) the building blocks of computers 2. Discover logic circuits that can make decisions 3. See how computers work with ones and zeros 4. Understand how computers count and keep track of numbers 5. Build and test memory circuits 6. Implement hardware using code 7. Have fun while learning about the Arduino WHAT WILL YOU LEARN You will learn that there is nothing mysterious about the digital devices that make up a computer, or the code that programs a computer to function. We cover the basic hardware as it is constructed into functional sections of a modern computer. You will learn about gates, flip-flops, registers, counters, and data I/O. WHO THIS BOOK IS FOR Anyone with a background in electricity and electronics with the knowledge of constructing circuits on a breadboard should have no problem using this book. It is designed for people with inquisitive minds in the hope that both the hardware projects and code samples are modified by the reader to gain additional information. TABLE OF CONTENTS 1. A Bit about Arduino. 2. Digital Function Implementation. 3. Designing Functional Computer Circuits. 4. Memory Devices. 5. Registers and Numbers. 6. Counters. 7. Multiplexing and demultiplexing. 8. Addresses, specialized counters, and serial monitor interaction. 9. Random Numbers 10. Interactive I/O 11. Capstone project

The present book aims to provide a thorough account of the type of questions asked in various competitive examinations conducted by UPSC, public sector organizations, private sector companies etc. and also in GATE It covers almost all the important and relevant topics, namely

For close to 20 years, Basic Electronics: Devices and Circuits has provided fundamental knowledge of the subject to all students. Each chapter focuses on the core concepts and clearly elucidate the fundamental principles, methods and circuits involved in electronics.

In a technology driven world, basic knowledge and awareness about computers is a must if we wish to lead a successful personal and professional life. Today Computer Awareness is considered as an important dimension in most of the competitive examinations like SSC, Bank PO/Clerk & IT Officer, UPSC & other State Level PSCs, etc. Objective questions covering Computer Awareness are asked in a number of competitive exams, so the present book which will act as an Objective Question Bank for Computer Awareness has been prepared keeping in mind the importance of the subject. This book has been divided into 22 chapters covering all the sections of Computer Awareness like Introduction to Computer, Computer Organisation, Input & Output Devices, Memory, Software, MS-Office, Database, Internet & Networking, Computer Security, Digital Electronics, etc. The chapters in the book contain more than 75 tables which will help in better summarization of the important information. With a collection of more than 3500 objective questions, the content covered in the book simplifies the complexities of some of the topics so that the non-computer students feel no difficulty while studying various concepts covered under Computer Awareness section. This book contains the most streamlined collection of objective questions including questions asked in competitive examinations upto 2014. As the book thoroughly covers the Computer Awareness section asked in a number of competitive examinations, it for sure will work as a preparation booster for various competitive examinations like UPSC & State Level PSCs Examinations, SSC, Bank PO/Clerk & IT Officer and other general competitive & recruitment examinations.

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