

- **3. Microprocessor is the _____ of the computer and it perform all the computational tasks**

- **A. main**
- **B. heart**
- **C. important**
- **D. simple**

- **Answer: B**

- **4. The purpose of the microprocessor is to control _____**

- **A. memory**
- **B. switches**
- **C. processing**
- **D. tasks**

- **Answer: A**

- **5. The first digital electronic computer was built in the year_____**

Nptel Mcqs Of Microprocessor And Microcontroler

Anita Gehlot Rajesh Singh



Nptel Mcqs Of Microprocessor And Microcontroller:

Microcontroller & Applications D.A.Godse A.P.Godse,2007 Microprocessors and Microcontrollers Microprocessors and microcontrollers A microprocessors survey Development systems for microcontrollers RISC CISC CPU architectures Harvard Von Neumann CPU architecture The 8051 Architecture 8051 microcontroller hardware Input output pins Ports and circuits External memory Counter and timers Serial data input output Interrupts 8051 Addressing Modes and Moving DataAddressing modes External data moves Code memory Read only data moves Indexed addressing mode PUSH and POP opcodes Data exchanges Example programs Logical Operations Arithmetic Operations Jump OperationsLogical operations Byte level logical operations Bit level logical operations Rotate and Swap operations Example programs Arithmetic operations Flags Incrementing and decrementing Addition Subtraction Multiplication and Division Decimal arithmetic Example programs Jump operations The JUMP and CALL program range Jump calls and subroutines Interrupts and returns More detail on interrupts Example problems Counter Timer Programming in 8051Programming 8051 timers Counter programming 8051 Serial CommunicationBasics of serial communication 8051 connections to RS 232 8051 Serial communication programming Interrupts Programming8051 Interrupts Programming timer interrupts Programming external hardware interrupts Interrupt priority in the 8051 8051 Interfacing and ApplicationsInterfacing 8051 to LCD ADC Temperature sensor DAC Stepper motor Keyboard 8255

Microprocessor and Microcontroller Interview Questions:

Anita Gehlot Rajesh Singh,2020-01-01 Crack the Microprocessor and Microcontroller Interview Description Book gives you a complete idea about the Microcontroller and Microprocessor It starts from a very basic concept like a number system then explains the digital circuit This book is a complete set of interview questions and answers with plenty of screenshots Book takes you on a journey to Microprocessor 8085 Peripheral Devices and Interfacing AVR ATmega32 Interfacing of Input Output Device Book also covers the descriptive questions multiple choice questions along with answers which are asked during an interview Key features An ample number of diagrams are used to illustrate the subject matter for easy understanding Set of review questions with answers are added at the end for better understanding Includes basic to advanced interview questions on 8085 8086 89C51 PIC and AVR interfacing of input output devices It will help to enhance the programming skills of the reader What will you learn Basics to an advanced interview question for microprocessor 8085 8086 and microcontroller 89C51 PIC and AVR Question on interfacing of input output devices Who this book is for Engineering students pursuing a course in electrical and electronics electronics and communication computer science and information technology who wish to learn about Microprocessor Microcontroller and crack an interview Table of Contents 1 Number Systems 2 Digital Circuit 3 Microprocessor 8085 4 Peripheral Devices and Interfacing 5 AVR ATmega32 6 Interfacing of Input Output Device 7 Exercise 8 Descriptive Type Questions 9 Multiple Choice Questions

Introduction to Microprocessors and Microcontrollers

John Crisp,2003-11-13 Assuming only a general science education this book

introduces the workings of the microprocessor its applications and programming in assembler and high level languages such as C and Java Practical work and knowledge check questions contribute to building a thorough understanding with a practical focus The book concludes with a step by step walk through a project based on the PIC microcontroller The concise but clearly written text makes this an ideal book for electronics and IT students and a wide range of technicians and engineers including IT systems support staff and maintenance service engineers Crisp s conversational style introduces the fundamentals of the micro microprocessors microcontrollers systems on a chip in a way that is utterly painless but technically spot on the talent of a true teacher Microprocessors and microcontrollers are covered in one book reflecting the importance of embedded systems in today s computerised world Practical work and knowledge check questions support a lively text to build a firm understanding of the subject

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