

Microprocessor And Its Application Question Paper

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Microprocessor And Its Application Question

As the 8085 microprocessor has 8-bit input/output address lines, it has the ability to address $2^8 = 256$ input and output ports. This microprocessor is available in a DIP package of 40 pins; In order to transfer huge information from I/O to memory and from memory to I/O, the processor shares its bus with the DMA controller.

8085 Microprocessor Architecture : Features and Its Working

Here we have given a detailed description of a microprocessor, its architecture, types, and applications. What is a Microprocessor? Definition: A microprocessor is nothing but the Central Processing Unit of a computer that has been constructed on a single chip. It is an integrated circuit and is able to implement all the important functions of ...

Microprocessor : Architecture, Types, Examples and its ...

The microprocessor is nothing but the CPU and it is an essential component of the computer. It is a silicon chip that comprises millions of transistors and other electronic components that process millions of instructions per second. A Microprocessor is a versatile chip, that is combined with memory and special-purpose chips and preprogrammed by software.

Evolution of Microprocessor - Types and Applications

Features of Microprocessor. Cost-effective: the microprocessor chips are available at low prices and results in its low cost. Size: it is a small size chip and hence portable. Low power consumption: microprocessors are manufactured by using metaloxide semiconductor technology, which has low power consumption. Versatility: the microprocessors are versatile as we can use the same chip in several ...

Top 21 Microprocessor Interview Questions and Answers ...

Some microprocessors are built to perform specific functions. For example, coprocessors are used in combination with a main processor, while a transputer is a transistor computer: a microprocessor that has its own local memory. The Microprocessor Was a Turning Point for Modern Computing. CPUs used to be enormous. It wasn't until the 1960s that ...

What is a Microprocessor and How Does it Work?

8085 is an 8-bit, general purpose microprocessor. It consists of following functional units:- Arithmetic and Logic Unit (ALU) : It is used to perform mathematical operations like: addition, multiplication, subtraction, division, decrement, increment, etc.

Architecture of 8085 microprocessor - GeeksforGeeks

2. Microprocessor is a/an ____ circuit that functions as the CPU of the compute A. electronic B. mechanic C. integrating D. processing ANSWER: A. 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 ...

[MCQ's]Microprocessor - Last Moment Tutions

With changing technology, application software too has undergone modifications for the better. Application software involves performing virtual tasks to solve problems in the real world. Recommended Articles. Here are some articles that will help you to get more detail about the Application Software & Its Types, so just go through the link.

What is Application Software & Its Types | eduCBA

The brain or engine of the PC is the processor (sometimes called microprocessor), or central processing unit (CPU). The CPU performs the system's calculating and processing. This chapter introduces you to the history of the CPU, and gives a detailed explanation of how your computer's tiny brain actually works.

Processor Manufacturing | Microprocessor Types and ...

35) A set of instructions written for the microprocessor to perform a task is called an application. (T/F) Ans. False. 37) The microprocessor applications are classified primarily into 3 categories: re-programmable system and embedded system. (T/F) Ans. True. 38) The first microprocessor was introduced by Intel Corporation in 1971. (T/F) Ans. True

Microprocessor 8085 MCQ Questions and Answers for MCA, BCA

Just as you can describe a highway by its lane width, you can describe a chip by the width of its data bus. When you read an advertisement that describes a 32-bit or 64-bit computer system, the ad usually refers to the CPU's data bus. This number provides a rough idea of the chip's performance potential (and, therefore, the system).

Processor Specifications | Microprocessor Types and ...

Advanced RISC Machine (ARM) Processor is considered to be family of Central Processing Units that is used in music players, smartphones, wearables, tablets and other consumer electronic devices.. The architecture of ARM processor is created by Advanced RISC Machines, hence name ARM.This needs very few instruction sets and transistors. It has very small size.

ARM processor and its Features - GeeksforGeeks

A computer is a digital electronic machine that can be programmed to carry out sequences of arithmetic or logical operations (computation) automatically.Modern computers can perform generic sets of operations known as programs.These programs enable computers to perform a wide range of tasks. A computer system is a "complete" computer that includes the hardware, operating system (main software ...

Computer - Wikipedia

The unit that provides a four level protection mechanism, for system's code and data against application program is a) central processing unit b) segmentation unit c) bus interface unit d) none of the mentioned; The signal which indicates to the CPU, to fetch a data word for the coprocessor is a) READY b) NMI c) HLDA d) PEREQ

MCQ on Microprocessor - Amit Mahto

The articale is very nice but i have few question. 1.what is difference between numerical relay & digital relay?(many literature say both are same-Digital/Numerical Relays – T.S.M. Rao) 2.why In comparison table relay resistance are different unit? (for EM relay 100 mile ohm,other relay are 10 ohm)

Comparison of Protection Relay Types

Basic Question and Answer on Computer, Internet and Information Technology • Q.What is the most appropriate software for calculating in computer? ... Microprocessor, memory, peripheral equipment. • What is Windows? Ans: A personal computer operating system from Microsoft. ... Mozilla, are - Internet Browsing Software • The Application ...

(PDF) Basic Question and Answer on Computer, Internet and ...

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RGPV BTECH EC QUESTION PAPERS ALL SEMESTERS , NOTES ...

VI Application of Zener diodes 1. The typical series regulator circuit . Figure 5. The typical series regulator circuit. In this circuit, the base of the transistor T is stabilized at 13V by the Zener diode D, then its emitter will output a constant voltage of $13 - 0.7 = 12.3V$. Within a certain range, whether the input voltage increases or ...

Working Principle and Characteristics of Zener diodes - Utmel

Semiconductors are materials with conductivity between conductors and insulators. Understand the properties, applications, uses and types of semiconductors with examples.

Semiconductors - Types, Examples, Properties, Application ...

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