

MICROPROCESSOR (KCS 403)



7 Marks Important Questions



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- Q.1- Draw 8085 microprocessor architecture and explain each block in detail.
- Q.2- Draw PIN diagram of 8085 microprocessor and explain in detail.
- Q.3- Explain addressing modes of 8085 in detail.
- Q.4- What are the assembler directives? Explain in detail.
- Q.5- Give the Complete description about the Hardware and Software Interrupts.
- Q.6- Draw the timing diagram of following: (i) opcode fetch, (ii) memory read, (iii) memory write.
- Q.7- Draw 8086 microprocessor architecture and explain BIU and EU in detail.
- Q.8- Draw PIN diagram of 8086 microprocessor and explain in detail.
- Q.9- Discuss in detail about the different Address Modes of 8086. Give Example for each type.
- Q.10- Programming and All instruction sets.

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Q.11- Discuss in detail about the Conditional call and Return instructions.

Q.12- Write short notes on following.

i) 8255 PPI

ii) 8251 USART

Q.13- Discuss Internal block diagram of 8237 and explain the operating mode of 8237 DMA controller.

Q.14- Explain the following.

i) Data transfer schemes

ii) Interfacing devices

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For
Watching**

