There will be 7 Questions in the Final Exam, You have to answer any Five (14 x 5=70)
Each Question may consists of 2 or more questions

Reference: 1. Microprocessor Architecture, Programming and Applications with the 8085
By: Ramesh Gaonkar, (Fifth Edition)
2. For 8086, study the Class Lectures provided.
3. All the Class Lectures and the Lecture Sheets provided

Sections 1 to 9

1. Fundamental Concepts on Microprocessor (Provided Class Lectures Sheet)
2. Chapter 2.0 (Text Book) Page: 32-40, 46-50
3. Chapter 3.0 (Text Book) Page: 58-63 (Provided Class Lectures Sheet)
4. Chapter 4.0 (Text Book) Timing Diagrams and Memory interfacing
   Page: 96-105, 111-126
   a. See the Provided Lecture sheet to learn some more Timing Diagrams
5. Chapter 8.0 (Text Book) Counter and Time Delays
   a. See the Provided Lecture Sheet; No theory is required from here. Only see the Math
   problems.
6. Chapter 9.0 (Text Book) : Stack and Subroutines, Page: 295-317
   a. Consult the Provided Lecture Sheet on Stack and Subroutine
7. Chapter 12.0: Interrupts, Page: 376-390 (Provided Lecture Sheet)
8. DMA, Interfacing Techniques using 8255 Chip: See the Provided Lecture Sheet
9. 8086: Class Lectures

Finally:
• Do not miss out anything that might have been discussed during the class and
  may not be there on the Lecture sheet.
• Each of the 7 questions may contain questions from the different sections of the course.
  You may try your luck, but, you are strongly suggested not to leave any sections unstudied.
• All the Lecture Sheets are available in the Soft Copy Form at http://www.aust.edu/cse/moinul/

Thank you,
Mohd. Moinul Hoque
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