What to Know for Test #1
Spring 2021
MTH 4425

The test will be such that you will be asked to state Definitions, Theorems, etc. from the document: "Definitions, Theorems, Etc. Part #1 Spring 2021" (Definitions_Theorems_1.pdf) which is attached to this email.

For the Test, you should know:

Definition 1
Theorem 2
Definition 15
Theorem 18
Theorem 20
Definitions 21-24
Axiom 25
Theorem 26
Definition 27-29
Axiom 30
Definition 32
Theorem 34
Definition 35
Theorem 36
Definitions 37, 38
Theorems 39-43
Theorems 45, 46

Typical questions on the test will be:

State the definition for Least Upper Bound
State the Bounded Convergence Theorem (Monotone Convergence Theorem)
State the Nested Interval Theorem
State three theorems concerning convergent sequences

etc.

Dr. Rossi