The following content can be found in a mathematics text for elementary education majors, such as *Mathematics for Elementary Teachers: A Conceptual Approach* by Albert Bennett and L. Ted Nelson, McGraw Hill, 2004.

1. Algebraic thinking and visual/concrete approaches to algebraic thinking.

2. Ratio and proportion

3. Percents

4. Introduction to probability.

5. Multistage experiments with tree diagrams.

6. Statistical graphs (including stem-and-leaf plots).

7. Measures of dispersion (including box-and-whisker plots).

8. Normal distribution.

Students may bring to the exam a scientific (non-programmable, non-graphing) 1-line display calculator.