THE EXAM SUBJECT AREA

(1) Addition rule.

(2) Multiplication rule.

(3) Conditional probability.

(4) Independent events.

(5) Sample mean, sample variance, sample standard deviation, sample median.

(6) Discrete variables: probability mass function, cumulative distribution function, expectation, standard deviation and variance.

(7) Continuous variables: probability density function, cumulative distribution function, expectation, standard deviation and variance.

(8) Binomial, Poisson, uniform, exponential, normal distribution: expectation, standard deviation and variance.

(9) Procedure for confidential intervals.

(10) Procedure for hypothesis tests.

During the exam, student has 5 problems to solve. Each problem is graded from 0 to 10 points. Final grade is awarded as follows

points	grade
45-50	A
44-40	B
35-39	C
30-34	D
25-29	E
0-24	F