EXAM 1 MATERIAL

Riemann Sums, integral def'n,
Fund. Thm of Calc (Both Parts),
Net Change and Total Change,
Substitution, Areas between Curves,
Volumes of solids.

EXAM 2 MATERIAL

Work, Average Value,
Integration by parts, Partial Fractions,
Trig Integrals, Trig Substitution,
Approximating Integrals, Improper.

NEW MATERIAL

Arc Length
~~Center of Mass~~
Solving separable differential.
Solving/interpreting a differential
equation in a "story" problem.