MA166 — EXAM II — FALL 2018
REVIEW PROBLEMS

Review your homework assignments and do the following problems from the book (page and exercise numbers refer to the 8th edition of the textbook):

1. **Section 7.3:** 1, 2, 4, 5, 6, 7, 9, 11, 12, 13, 17, 26
2. **Section 7.4:** 7, 8, 9, 10, 11, 12, 14, 24, 32, 33
3. **Section 7.6 is excluded from Exam II**
4. **Section 7.7:** 7, 8, 9, 15, 17 (midpoint rule only; focus on the concepts, not computations)
5. **Section 7.8 :** 5, 6, 7, 8, 9, 10, 11, 14, 17, 21, 22, 24, 28, 33
6. **Section 8.1:** 9, 10, 11, 12, 13, 17
7. **Section 8.2:** 7, 8, 9, 10, 14, 15, 16. Find the area of the surface generated by rotating the curve $y = x^2$, $0 \leq x \leq 1$ about the axis $x = 1$.
8. **Section 8.3:** 29, 30, 31, 32, 33 34, 35, 37
9. **Section 11.1:** 23, 24, 25, 32, 36, 37, 42, 49, 51
10. **Section 11.2:** 12, 15, 17, 18, 21, 27, 29, 30, 31, 33

Do some recent old exams which can be found in the course web page.