UM102 – Analysis and Linear Algebra II
2019 Spring Semester

[You are expected to write proofs / arguments with details of your reasoning, in solving these questions.]

Homework Set 12 (Not for a Quiz nor for HW submission, but relevant to Final syllabus)

From the textbook *Calculus, Vol. II* by Tom M. Apostol (2nd edition):

Section 11.9 (Exercises section), on pages 362–363:

Questions 5, 8.

Section 11.15 (Exercises section), on pages 371–373:

Questions 11, 17.

Section 11.22 (Exercises section), on pages 385–386:

Questions 1, 6.

Section 11.28 (Exercises section), on pages 399–401:

Questions 3, 15, 22.

Section 12.6 (Exercises section), on pages 429–430:

Question 3.

Section 12.10 (Exercises section), on pages 436–438:

Questions 1, 6(a).