

MATH 170: PRACTICE EXAM 03

ANN CLIFTON
UNIVERSITY OF SOUTH CAROLINA

Name: _____

List of topics to know from Graph Theory:

- (1) Euler's Formula
- (2) Definition of Eulerian path and cycle
- (3) Definition and examples of planar and non-planar graphs
- (4) Definition of King Chicken
- (5) Identifying a King Chicken from a given directed graph
- (6) Conditions for a digraph to have an Eulerian cycle

There will also be some problems taken from Homework 10, Chapter 2 Section 2.1

You should treat Homework 10 as a part of this study guide and be prepared to ask questions on Monday.