

King Fahd University of Petroleum & Minerals  
Department of Mathematics and Statistics  
(Semester 182) Math 201 Quiz # 2

Name: \_\_\_\_\_ I.D. # \_\_\_\_\_ Sr. # \_\_\_\_\_

1. Find the vector projection of  $\vec{b} = 3i - 3j + k$  onto  $\vec{a} = 2i + 4j - k$ .

2. Find the area inside  $r = 2 + 2\cos\theta$  and to the right of  $r\cos\theta = 3/2$ .

