

## **Ph.D. Preliminary Exam**

Please rate each attribute on the following scale: **1 =Introductory**, **2 = Intermediate**, **3 = Advanced**, **4 = Expert**, with Expert defined as the expected proficiency of a Post-Doctoral Scholar or Assistant Professor, and Introductory defined as the proficiency of someone who has not acquired skills beyond that of a bachelor's degree.

<b>The student demonstrated the ability to:</b>	
Demonstrate command of pertinent facts and fundamental principles.	
Demonstrate a comprehensive understanding of problem solving techniques including appropriate mathematics	
Identify appropriate approaches to the given problem	
Generate and critically evaluate solutions to problems.	
Effectively communicate physical meaning of the solutions obtained	

Please note any additional comments below: