

Scoring Guide (Rubric) for Graduate Learning Outcome Assessment Ph.D. PRELIMINARY EXAM in Microbiology

Candidate Name: _____ Date: _____

Title of Research Proposal: _____

Evaluation/Guidance	Does not meet Expectations	Meets Expectations	Exemplary Performance
1. Problem Definition and relationship to previous research in the literature: Stated the research problem, and its impact, clearly in the context of existing literature, providing justification for undertaking the research.			
2. Solution Plan: Provided a sound plan for applying appropriate research methods/tools to solving the defined problem. This should include well-developed research aims/objectives, hypotheses, hypothesis testing, and a sound plan for analyzing and interpreting research results/data.			
3. Broader Impact: Demonstrated awareness of broader implications of the proposed research. Broader implications may include social, economic, technical, ethical, business, etc. aspects.			
4. Quality of Written Communication: Communicated research proposal clearly and professionally in written form			
5. Quality of Oral Communication: Communicated research proposal clearly and professionally in oral form			
6. Critical Thinking and Mastery of General Knowledge: Demonstrated capability for independent research in microbiology and preparedness in core disciplines relevant to students' own research			

Overall Assessment: The assessment of the overall performance of the candidate based on the evidence provided in items 1 – 6 above.

CRITERIA	PERFORMANCE RATINGS for PRELIMINARY EXAM		
	<i>Does NOT PASS Exam</i>	<i>PASSES Exam</i>	
OVERALL, My rating of this preliminary exam indicates that it:	Does not meet expectations	Meets expectations	Exemplary performance

Name of the Examining Committee Member: _____

Signature of the Examining Committee Member: _____

Examiner: Please use the reverse side of this form for written commentary as needed.

Attachment 2