EVALUATION RUBRIC: PRELIMINARY EXAM - PROPOSAL PRESENTATION

 Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Evaluation/Guidance** | **Needs Significant Improvement**  | **Needs Improvement** | **Acceptable** | **Very Good** | **Excellent** | **Not Applicable** |
| 1. **Problem Definition:** Stated the research problem clearly, provided motivation for undertaking the research.  |  |  |  |  |  |  |
| 2. **Literature and Previous Work:** Demonstrates sound knowledge of literature in the area, and of prior work on the specific research problem.  |  |  |  |  |  |  |
| 3. **Impact of Proposed Research:** Demonstrates the **(a)** potential value of solution to the research problem in advancing knowledge (a) within and (b) outside **(b)**the area of study.  |  |  |  |  |  |  |
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| 4. **Solution Plan:** Provides a sound plan for applying state-of-the-field research methods/tools to solving the defined problem and shows a good understanding of how to use methods/tools effectively. |  |  |  |  |  |  |
| 5. **Expected Results:** Provides a sound plan for analyzing and interpreting research results/data. |  |  |  |  |  |  |
| 6. **Quality of Written and Oral Communication:** **(a)** Communicates research proposal clearly and professionally in both (a) written and (b) oralform. **(b)**  |  |  |  |  |  |  |
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| 7. **Critical Thinking:** Demonstrates capability for independent research in the area of study, preparedness in core disciplines relevant to research, and ability to complete the proposed research. |  |  |  |  |  |  |
| 8. **Broader Impact:** Demonstrates awareness of broader implications of the proposed research. Broader implications may include social, economic, technical, ethical, and business aspects. |  |  |  |  |  |  |
| 9. **Publications:** Journal or conference publications are expected to result from this research. |  |  |  |  |  |  |

**Overall Assessment:** The assessment of the overall performance of the candidate based on the evidence provided in items 1 – 9 above.

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| **CRITERIA** | **PERFORMANCE RATINGS** |
| **Does Not Pass Preliminary Exam** | **Passes Preliminary Exam** |
| **OVERALL, my rating of the PERFORMANCE** | **Needs Significant Improvement** | **Needs Improvement** | **Acceptable** | **Very Good** | **Excellent** |
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