

Student Name: _____

Date: _____

	Does not meet expectations (1)	Meet expectations (2)	Exceeds expectations (3)	Score
Depth and breadth of knowledge	<ul style="list-style-type: none"> • Poor knowledge base related to the area of research • Lack of understanding of the advancements in the field of research • Poor knowledge of one or more specialized techniques (Analytical, numerical or experimental) in the area of research 	<ul style="list-style-type: none"> • Good understanding of the knowledge base related to the area of research • A clear understanding of the advancements in the field of research • Good knowledge of one or more specialized techniques (Analytical, numerical or experimental) in the area of research 	<ul style="list-style-type: none"> • A firm understanding of a wider knowledge base related to the area of research • An in-depth knowledge of the advancements in the field of research • A thorough knowledge of one or more specialized techniques (Analytical, numerical or experimental) in the area of research 	
Research & scholarship (General)	<ul style="list-style-type: none"> • Review of the relevant scientific literature is limited • Synthesis of recent advancements in the field of research is weak • Incoherent approach to address research objectives • Research results are not presented in a systematic way 	<ul style="list-style-type: none"> • Basic review of the relevant scientific literature • Some synthesis of recent advancements in the field of research • A logical approach to address research objectives • Research results are presented in a systematic manner 	<ul style="list-style-type: none"> • A thorough review of the relevant scientific literature • A careful synthesis of recent advancements in the field of research • A cohesive approach to address research objectives • Research results are presented in a coherent form 	
Research & scholarship (Critical thinking)	<ul style="list-style-type: none"> • Viewpoints presented in the scientific literature are taken as fact, without question • Issue/problem to be considered critically is stated without clarification or description • Research results are not explained • Conclusion is inconsistently tied to some of the information discussed; related outcomes (consequences and implications) are oversimplified 	<ul style="list-style-type: none"> • Viewpoints presented in the scientific literature are somewhat questioned • Issue/problem to be considered critically is stated, described, and clarified so that understanding is not impeded by omissions • Research results are explained in the context of the given objectives • Conclusion is logically tied to a range of information, including opposing viewpoints; related outcomes (consequences and implications) are identified clearly 	<ul style="list-style-type: none"> • Viewpoints presented in the scientific literature are questioned thoroughly • Issue/problem to be considered critically is stated clearly and described comprehensively, delivering all relevant information necessary for full understanding • Research results are critically scrutinized • Conclusions and related outcomes (consequences and implications) are logical and reflect the student's informed evaluation and ability to place evidence and perspectives discussed in priority order 	

Examiner: _____

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	Does not meet expectations (1)	Meet expectations (2)	Exceeds expectations (3)	Score
Application of knowledge	<ul style="list-style-type: none"> • The approach to investigate the research problem using existing research tools is incoherent • Inaccurate and inconsistent application of existing knowledge to analyze the research problem 	<ul style="list-style-type: none"> • Approach to investigate the research problem using existing research tools shows coherency • Accurate and systematic application of existing knowledge to analyze the research problem 	<ul style="list-style-type: none"> • Coherent and unambiguous approach to investigate the research problem using existing research tools • Accurate and systematic application of existing knowledge to analyze the research problem 	
Professional capacity / autonomy	<ul style="list-style-type: none"> • Lack of awareness of academic integrity and research ethics • Failure to defend own ideas and conclusions 	<ul style="list-style-type: none"> • Reasonable awareness of academic integrity and research ethics • Defends own ideas and conclusions in a logical way 	<ul style="list-style-type: none"> • Full awareness of academic integrity and research ethics • Defends own ideas and conclusions with proper rationale and reasoning 	
Communication skills (Thesis)	<ul style="list-style-type: none"> • Poorly written and poorly organized thesis • Content unclear, lapses in coherence • The progression of ideas is unsystematic and not logical 	<ul style="list-style-type: none"> • Well written thesis and its organization supports the objectives • Content is clear and coherent • Sequence of ideas is logical and systematic 	<ul style="list-style-type: none"> • Well written and well organized thesis • Content is focused, consistent and very clear • Sequence of ideas is excellent, logical and coherent 	
Communication skills (Oral exam)	<ul style="list-style-type: none"> • No grasp of information and cannot satisfactorily answer questions about the thesis • Explanations of concepts and/or theories are inaccurate or incomplete or unsupported 	<ul style="list-style-type: none"> • Answers expected questions without difficulty • Explanations of concepts and theories are accurate 	<ul style="list-style-type: none"> • Demonstrates full grasp of the topic by answering all questions with explanations and elaboration • Provides accurate and complete explanations of concepts and theories 	
Awareness of limits of knowledge	<ul style="list-style-type: none"> • Lack of awareness of the complexity of scientific problems and limitations of existing tools and techniques to address them • Unable to acknowledge the need of assumptions in complex scientific analyses and their consequences • Failure to acknowledge the limitation of research tools used and its consequences on the research outcome 	<ul style="list-style-type: none"> • Reasonable awareness of the complexity of scientific problems and limitations of existing tools and techniques to address them • Reasonable awareness of the role of assumptions in complex scientific analyses and their consequences • Acknowledges the limitation of research tools used and basic explanation of its consequences on the research outcome 	<ul style="list-style-type: none"> • Fully aware of the complexity of scientific problems and limitations of existing tools and techniques to address them • Fully aware of the need of assumptions in complex scientific analyses and their consequences • Fully acknowledge the limitation of research tools used and detailed explanation of its consequences on the research outcome 	

Examiner: _____