

# SEKOLAH KEJURUTERAAN KIMIA & KEJURUTERAAN TENAGA SCHOOL OF CHEMICAL & ENERGY ENGINEERING

## **PhD Assessment II- Examiner Report**

06331011/0611163161	Session	/Semester:	
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**Instruction:** Please fill in Section A to D and submit the form to the Postgraduate Office after the assessment.

STUDENT DETAILS
<b>:</b>
<b>:</b>
<b>:</b>
<b>:</b>

## **SECTION B: ASSESSMENT**

**Instruction:** Please assess each item using the given scales. Fractional marks will be given for each category. The overall mark is 100%.

Item Assessed	Unacceptable (1)	Acceptable (2)	Moderate (3)	<b>Good</b> (4)	Very good (5)	Score
Introduction + Literature Review	Very little background information or information is incorrect  Poor understanding of topic, inadequate research or very little research.	Some introductory information, but still missing some major points.  Insufficient literature research or may contain unrelated materials.	Introduction is nearly complete, missing some minor points. Problem is sufficiently identified.  Sufficient and relevant literature research	Introduction is complete and well written. Problem is sufficiently identified.  Analyze and summarize various literature reviews from various academic sources	Introduction is complete and well written; provides all necessary background principles for the research project. Problem is appropriately identified.  Literature review is comprehensive and takes into account the state of the art.	/10%
Methodology	Missing several important explanations of materials and/or methodology. Not sequential. Most steps are missing or are confusing. Some procedural components generally described but are not replicable.	Materials and methodology nearly complete but still missing some important experimental/ modelling details. Others may have difficulties following procedures – some steps are understandable; but most are confusing and lack detail. Can replicate experiment if reader makes some inferences.	Materials and methodology are explained with sufficient detail; some lack detail or are confusing. Mostly easy to follow. Description of procedure makes it likely that the work can be reliably replicated.	Materials and methodology are complete and justified. Mostly easy to follow. Description of procedure can be replicated.	Materials and methodology are formulated, selected, planed, and implemented appropriately and with justification. Logical and easily followed.  Description of procedure is complete, ensuring that it can be replicated.	/30%
Results and Discussion	Discussion and/or Conclusions section limited to only a few sentences.     Does not state results.     Students show poor understanding of the project.	Minimal discussion of problem/hypothesis     No consideration of experiments methodology.     Presents results without interpretation.     Neglects differences between expected	Recognition of problem/hypothesis, but not of derivation of testable hypothesis.     Description of methodology without thought on appropriateness of methods used.     Data analysis with minimal discussion or	Attempts to generate and test a hypothesis or answer a research question.     Examines appropriateness of research design.     Considers reasoning underlying hypothesis.     Some interpretation and analysis of results, may consider	Explicit discussion of research hypothesis or question     Clear understanding of research design, including the methods limitations and strengths     Clear understanding of cause and effect appropriate to research level and design	/60%

#### PhD Assessment II

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Item Assessed	Unacceptable (1)	Acceptable (2)	Moderate (3)	<b>Good</b> (4)	Very good (5)	Score
		(literature) values and experiment.  • Demonstrates scientific knowledge, but without interpretation or analysis.	interpretation of results.  Fails to examine results with regard to current state of knowledge.	alternative explanations of results.  • Attempts to deal with experiments limitations.	hypothesis  Critical evaluation of results, including alternative explanations of results  Meaningful discussion of experiments limitations	
TOTAL (100%)						

# SECTION C: RESULTS (Please calculate the total mark and tick the decision)

Total Marks	Grade	Please tick
91-100	Excellent	
71-90	Very Good	
51-70	Good	
0-50	Poor	

# SECTION D: COMMENTS/RECOMMENDATIONS

Please comments on the student progress with the following highlights: Graduate on time (GOT), milestone achievement, publication and suggestion.			

<u>EXAMINI</u>	<u>£K</u>

Name:	
Signature:	
Date:	