**EXAMINERS’ JOINT REPORT AND OUTCOME FORM (for students submitting on or after 1 August 2019)**

**Degree of Doctor of Engineering**

The Examiners’ Joint Report and Outcome form should be used to record the agreed views of all examiners in relation to the core outcomes of the *viva voce* (oral) examination and their recommendation on the award of the research degree. It must be based on both the thesis and the candidate’s performance at the oral examination. **The candidate will receive a copy of this report.**

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| **Candidate name** |  | |
| **Student ID number** |  | |
| **School** |  | |
| **Thesis title** |  | |
| **Date of examination** |  | |
| **This report refers to a resubmitted thesis and/or second oral examination** | | Yes/No |

**Part 1: Report on the thesis**

Please provide comments under the following assessment criteria outlined in paragraph 11 of [Regulation XXVI](https://www.lboro.ac.uk/governance/regulations/26/current/). Based on your academic judgement, please explain how the thesis fulfils these criteria or how it is deficient. Additional pages may be added if required.

i. The thesis demonstrates that the candidate is well-acquainted with the field of knowledge to which their subject relates and has an appreciation of industrial engineering and development culture

ii. The thesis is presented in satisfactory literary form (including references and bibliography, as appropriate)

iii. The thesis provides evidence of training in, and application of, appropriate research methods

iv. The thesis demonstrates innovation in the application of knowledge to the engineering business environment

v. The thesis contains original work worthy of publication OR contains original work presented in publications or technical reports

Are you satisfied that the thesis is the candidate’s own work, or, if it was done in collaboration, that their share in the research was sufficient? YES/NO

**Part 2: Report on the oral examination**

Please provide comments on the candidate’s performance at the oral examination and their ability to relate the subject matter of the thesis to the field(s) of study to which it is connected. Additional pages may be added if required.

**Part 3: Examiners’ joint outcome**

Timescales commence from the date the student is informed of the outcome by the Doctoral College Office.

**Tick one option only and add additional comments if necessary.**

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| **Outcomes indicating a pass** | |
|  | **1. Pass: no amendments required** |
|  | **2. Pass: subject to minor amendments**  Minor amendments may include: correction of typographical, spelling and grammatical errors; minor errors or omissions in content; corrections to references; improvements to the quality of diagrams, tables, charts or images; alterations to appendices; minor changes to layout. They will require no new research.  The maximum timeframe for completion of minor amendments is **2 months**. They are subject to the approval of the internal examiner. |
|  | **3. Pass: subject to modest amendments**  Modest amendments require further work **beyond** correcting editorial or formatting errors and minor errors or omissions in content. They may require limited further analysis, re-writing or re-structuring, amendments to the review or assessment of the relevant literature, but will not materially alter the findings of the thesis, nor will they require any significant extension of the original research to be undertaken.  The maximum timeframe for completion of modest amendments is **6 months**. They are subject to the approval of the internal examiner. |

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| **Outcomes falling short of a pass** | |
|  | *Note that if this is an oral examination following a ‘Refer’ outcome and the resubmission of a thesis, outcome 4* ***may not*** *be selected.* |
|  | **4. Refer: that the candidate be permitted to submit a revised thesis**  The thesis is inadequate in one or more criteria for the degree (listed above and in paragraph 11 of [Regulation XXVI](https://www.lboro.ac.uk/governance/regulations/26/current/)). However, the candidate appears capable of revising the thesis to satisfy the requirements of the research degree for which it was submitted, although the work that is needed will require further supervision. Examiners must indicate whether a further oral examination is required by ticking the appropriate box:  No, a further oral examination **is not required**  Yes, a further oral examination **is required**  The maximum timeframe for re-submission of a revised thesis is **12 months**. Regardless of whether a second oral examination is required, the revised thesis must be re-examined by both the internal and external examiners. |

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| **Outcomes indicating that the thesis and oral examination have failed to meet the criteria for the award of Doctor of Engineering** | |
|  | **5. Fail: recommend award of the degree of Master of Philosophy without amendments** |
|  | **6. Fail: recommend award of the degree of Master of Philosophy with minor amendments**  Minor amendments may include: correction of typographical, spelling and grammatical errors; minor errors or omissions in content; corrections to references; improvements to the quality of diagrams, tables, charts or images; alterations to appendices; minor changes to layout. They will require no new research.  The maximum timeframe for completion of minor amendments is **2 months**. They are subject to the approval of the internal examiner. |
|  | **7. Fail: recommend award of the degree of Master of Philosophy with modest amendments**  Modest amendments require further work **beyond** correcting editorial or formatting errors and minor errors or omissions in content. They may require limited further analysis, re-writing or re-structuring, amendments to the review or assessment of the relevant literature, but will not materially alter the findings of the thesis, nor will they require any significant extension of the original research to be undertaken.  The maximum timeframe for completion of modest amendments is **6 months**. They are subject to the approval of the internal examiner. |
|  | **8. Fail: that the degree of Doctor of Engineering not be awarded and that re-submission of the thesis is not permitted** |

**Additional comments:**

**Part 4: List of amendments and further work required**

This list must be suitably detailed and appropriately referenced to allow the candidate, with the support of their supervisory team, to have a clear understanding of the revisions required. For example, it is expected that examiners explain the grounds for the revisions and provide explicit page references alongside clear explanations of the amendments or revisions that are to be carried out.

**Part 5: Examiners’ signatures**

* Copies of the thesis must be returned to the candidate at the conclusion of the examination.
* In the event of ‘Pass’ outcome where amendments (minor or modest) are required, the internal examiner is responsible for confirming in writing to the Doctoral College Office that the amendments have been satisfactorily completed.
* In the event of a ‘Refer’ outcome where a further examination is required, the same examiners, wherever possible, shall conduct the re-examination.

**External and internal examiners**

We, the examiners, have completed the examination of this candidate according to Regulation XXVI (Research Degree Programmes) and recommend the outcome above.

Please note that unsigned forms will not be accepted.

**External examiner** (print name) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Internal examiner** (print name) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2nd examiner (if applicable)** (print name) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2nd Internal examiner/2nd External examiner** (delete as applicable)

Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The completed Examiners’ Joint Report and Outcome form – together with the Examiners’ Independent Preliminary Report forms – must be sent to the Doctoral College Office, and copied to the School PGR administrator, at the earliest opportunity and normally within 5 working days of the oral examination.**