

1145-502 Level 2 Engineering – Theory exam (1)

March 2019

Examiner Report

Contents

Introduction.....	3
Theory Exam – March 2019	4
Grade Boundaries.....	4
Chief Examiner Commentary.....	5

Introduction

This document has been prepared by the Chief Examiner, it is designed to be used as a feedback tool for centres to use in order to enhance teaching and preparation for assessment. It is advised that this document be referred to when preparing to teach and then again when candidates are preparing to sit examinations for City & Guilds Technical qualifications.

This report provides general commentary on candidate performance and highlights common themes in relation to the technical aspects explored within the assessment, giving areas of strengths and weakness demonstrated by the cohort of candidates who sat the **March 2019** examination series. It will explain aspects which caused difficulty and potentially why the difficulties arose, whether it was caused by a lack of knowledge, poor examination technique or responses that failed to demonstrate the required depth of understanding.

The document provides commentary on the following assessment;

1145-502 – Level 2 Engineering – Theory exam (1)

Theory Exam – March 2019

Grade Boundaries and distribution

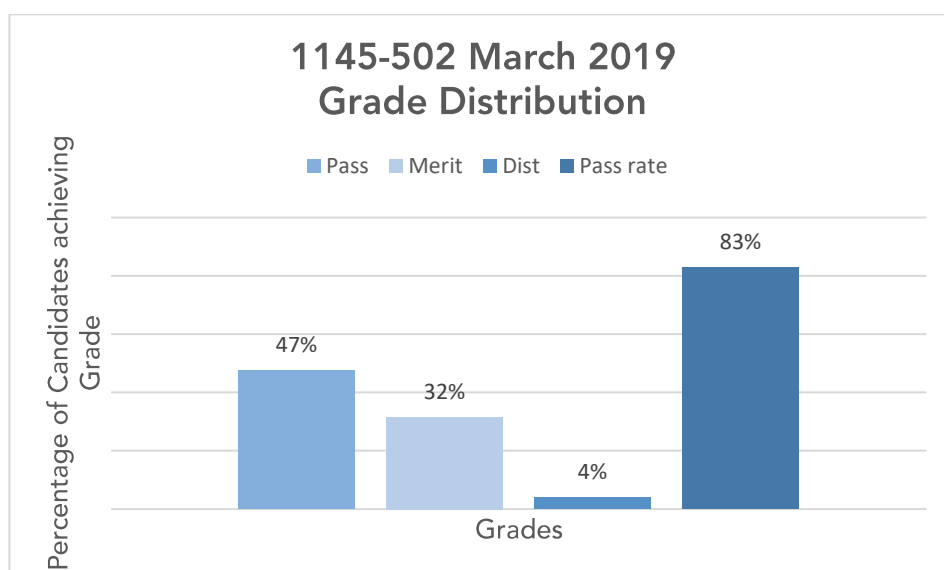
Assessment: 1145-502 Level 2 Engineering – Theory exam (1)

Series: March 2019

Below identifies the final grade boundaries for this assessment, as agreed by the awarding panel;

Total marks available	
Pass mark	26
Merit mark	41
Distinction mark	56

The graph below shows the distribution of grades and pass rates for this assessment;



Chief Examiner Commentary

General Comments on Candidate Performance

Assessment component: **1145-502 Level 2 Engineering – Theory exam (1)**

Series 1 (March 2019)

The paper as a whole and the individual questions met the requirements of the specification and were pitched appropriately for this level. The paper was comparable with the previous series.

The cohort for this paper was relatively small. It is therefore difficult to draw statistical conclusions regarding candidate performance.

Overall, there was a mixed response to this question paper. Candidates generally showed good breadth of knowledge in questions relating to units and measurement, material types and manufacturing processes. However, on questions where candidates were asked to explain or evaluate a topic, most would have benefited from extending their responses further to show a greater depth of understanding.

Candidates generally struggled with questions relating to engineering drawings, electronic components and the use of design criteria. There were several questions where candidates misinterpreted the question and gave answers which were well constructed, but related to a different process or topic. Some candidates left a significant number of questions blank.

The synoptic question was not well answered. Although most candidates attempted the question, responses highlighted a general lack of knowledge and understanding of the relevant specification content. A large proportion of candidates misinterpreted what was required and produced answers that were mainly irrelevant or technically incorrect.