

7906-503 Level 3 Architectural Joinery - Theory Exam (1)

March 2024

Examiner Report

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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 2024** 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:
7906-503 Level 3 in Architectural Joinery – Theory Exam (1)

Theory Exam – March 2024

Grade Boundaries and Distribution

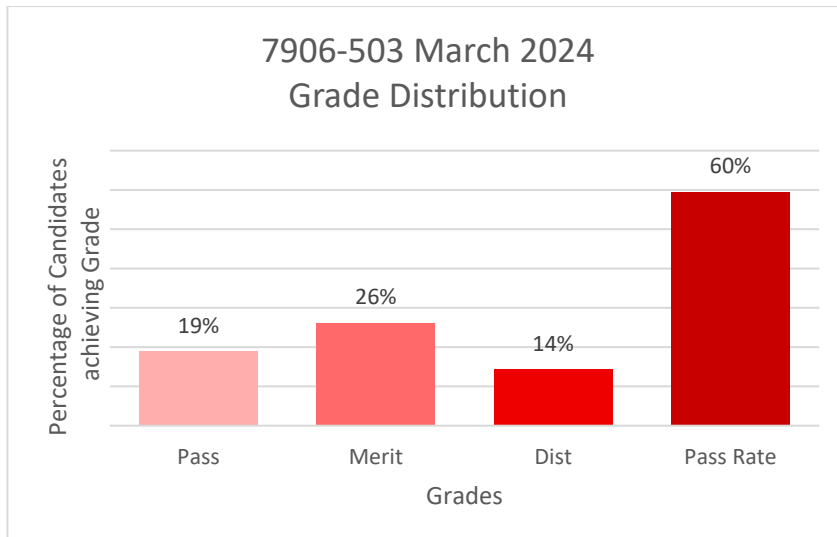
Assessment: 7906-503

Series: March 2024

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

Total marks available	70
Pass mark	28
Merit mark	38
Distinction mark	49

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



Chief Examiner Commentary

General Comments on Candidate Performance

Assessment component: 7906-503

Series: March 2024

The March 2024 paper covered a wide range of questions from across the units being assessed.

The paper was structured to test recall of knowledge (AO1), understanding (AO2) and applied knowledge (AO4). The paper was a combination of multiple-choice based assessment, short response questions and one extended response question.

The paper covered units 301 Principles of organising, planning and pricing construction work, and 306 Set up and use fixed and transportable machinery.

Most candidates did well with the multiple-choice questions, with questions around the following units and topic areas also responded to well.

- 301 Principles of organising, planning and pricing construction work - Topic 3.1 tendering process
- 306 Set up and use fixed and transportable machinery - Topic 2.1 inspection, fault diagnosis and maintenance and Topic 2.2 changing tooling.

An area for development within the multiple-choice questions was related to Unit 306 Topic 4.1 planing timber to size and shape. Candidates were unable to recall the maximum height to set the bridge guard on a surface planer.

In Unit 301 Principles of organising, planning and pricing construction work, candidates performed well on the AO1 recall and particular strength was seen around topic 5.1 written and oral communication, candidates were able to identify different communication methods.

AO2 questions around preparing a quote, there were mixed responses and some candidates had a good understanding of this topic, however, lower scoring candidates struggled to outline the process. Areas for development within this unit are around topic 3.2 calculate quantities of building materials, this question was poorly responded to by majority of the cohort with very few candidates achieving full marks. This has been an ongoing theme observed from previous series.

In Unit 306 Set up and use fixed and transportable machinery, AO1 questions around documentation were answered well by most candidates and some achieved full marks. Areas of weakness seen in the AO1 questions were around the following topics:

- 2.2 change tooling, just over 50% of candidates were unable to state the type of saw tooth that should be used for ripping timber.
- 3.1 saw materials to size and shape, candidates struggled to identify ripping operations.

The Extend response question (ERQ) was designed to allow candidates to show breadth and depth across Units 301 and 306, discussing how a joinery workshop could be rearranged with the view of producing batch joinery more efficiently. The question was generally well answered with some high-level responses and candidates were able to access marks across all three bands.

Candidates who scored highly in this question tended to analyse the scenario and pitched their response to cover most, if not all, aspects of the scenario. They demonstrated good attention to detail and justified their responses.

Candidates who achieved lower marks for the extended response question gave a basic response with limited detail and little to no justification.

To improve exam results, teaching should focus on the areas for development mentioned above and special attention paid to basic mathematics skills such as how to calculate volume.

Candidates are also reminded to pay close attention to providing legible handwriting. Candidates should be reminded to read the questions fully and carefully align their answers to the marks available to ensure that they can access all the marks. Candidates also need to remember to demonstrate their full depth/breadth and range of knowledge and understanding across all topics.

During the extended response questions, candidates should demonstrate they understand and have analysed the scenario fully and show a confident understanding, giving justifiable reasoning behind their answers to fully access the marks available.