

# **7457-407 Level 3 Anatomy and Physiology knowledge test - Paper 3**

**November 2022**

## **Examiner Report**

## Contents

Introduction.....	3
Theory Exam – September 2022.....	4
Grade Boundaries and distribution .....	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.

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 **September 2022** examination series. It will explain aspects which caused difficulty and potentially why the difficulties arose, whether it was caused by a lack of knowledge, incorrect examination technique or responses that failed to demonstrate the required depth of understanding.

The document provides commentary on the following assessment:  
**7457-407 Level 3 Anatomy and Physiology Knowledge test Paper 3.**

# Theory Exam – September 2022

## Grade Boundaries and distribution

Assessment: **7457-407**

Series: **September 2022**

Below identifies the final grade boundaries for this assessment, as agreed by the awarding panel and the pass rate for this series:

Total marks available	60
Pass mark	38
Pass rate	67%

# Chief Examiner Commentary

## General Comments on Candidate Performance

**Assessment component: 7457-407**

**Series: September 2022**

The paper was set at the correct level of difficulty for a level 3 exam. There was a balance of topics seen.

### Learning outcome 1

This outcome focuses on anatomical and physiological terminology. Answers were varied when candidates were asked about direction terms, joint movement, and different suffixes. These questions required recall of knowledge.

### Learning outcome 2

This outcome focuses on anatomical landmarks. Strengths were demonstrated relating to the identification of landmarks that make up the forelimb. Weaknesses were demonstrated when candidates were asked about the landmarks that make up the pelvic cavity.

### Learning outcome 3

This outcome focuses on the normal form and function of the body systems and as it contains the most subject topics, most of the marks were to be gained in this outcome. Strengths were demonstrated relating to vulval conformation. Weaknesses were demonstrated when candidates were asked about the blood supply to the liver, and the process of erythropoiesis.

### The Extended Response Question:

The Extended Response Question focused on the nervous system. It provided an opportunity for candidates of every level to present their knowledge and understanding. Overall candidates lost marks by not providing enough detail to demonstrate depth in their knowledge. Exam technique could be worked on here in order to provide a planned, detailed answer with some explanations and this would yield higher marks in the future. However, some candidates did access marks at the higher end of Band 2.

## Overall comments

Candidates will benefit from practicing examination techniques when preparing for this exam in particular the importance of reading and understanding the detail of a question.

Candidates also need to be prepared for the different types and structures of questions contained within the paper and need to be familiar with the variety of command verbs, as well as the need to read each question carefully and to respond clearly to the question given in the depth required

In preparation for the extended response question, the key areas of focus to improve candidates marks over a range of abilities are:

1. Plan the answer to aid a focused discussion.
2. Include a wide range of descriptive information that relates to the topic. A wider range of basic information will improve marks in the lower bands.
3. Improving the candidate's ability to explain and justify their comments will improve their marks in the higher bands.

For any candidate wishing to appeal their result, centres can find information regarding the process for this on the City & Guilds website available here:

[www.cityandguilds.com/delivering-our-qualifications/centre-development/centre-document-library](http://www.cityandguilds.com/delivering-our-qualifications/centre-development/centre-document-library)