

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

August 2022

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.

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 **June 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 – June 2022

Grade Boundaries and distribution

Assessment: **7457-407**

Series: **June 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	20%

Chief Examiner Commentary

General Comments on Candidate Performance

Assessment component: 7457-407

Series: June 2022

The paper was set at the correct level of difficulty for a level 3 exam and there was a balance of topics. 80% of the cohort for this series was made up of candidates resitting this exam, many for the second time.

This paper was comprised of questions from **Unit 379** which consists of three learning outcomes.

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 when stating the boundaries of the thoracic cavity. Weaknesses were demonstrated when candidates were asked about skeletal landmarks in the pelvis.

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 when discussing the function of the frog in the hoof and vulval conformation. Weaknesses were demonstrated when candidates were asked about different types of immunity, and the sympathetic and parasympathetic nervous systems.

The Extended Response Question

The extended response question provided an opportunity for candidates of every level to present their knowledge and understanding. Overall, this was not well answered. The candidates provided basic answers to this question. Candidates lost marks by not providing enough specific detail regarding fat digestion to demonstrate their knowledge. Exam technique could be worked on here to provide a planned, detailed answer with some explanations, and this would yield higher marks in the future.

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