



Rewarding Learning

ADVANCED

General Certificate of Education

2022

Centre Number

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Candidate Number

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Sports Science and the Active Leisure Industry

Unit A2 2

assessing

The Application of Science
to Sports Performance

[AAL21]

FRIDAY 27 MAY, AFTERNOON



AAL21

TIME

2 hours.

INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number in the spaces provided at the top of this page.

Write your answers in the spaces provided in this question paper.

Answer **all five** questions.

INFORMATION FOR CANDIDATES

The total mark for this paper is 100.

Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.

Quality of written communication will be assessed in Questions **3(c)**, **4(b)(ii)**, **5(b)** and **5(c)**.

For Examiner's use only	
Question Number	Marks
1	
2	
3	
4	
5	

Total Marks	
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(c) Examine the role of haemoglobin and myoglobin in the body.

(i) Haemoglobin:

[2]

(ii) Myoglobin:

[2]

Examiner Only	
Marks	Remark

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(Questions continue overleaf)

Transfer of learning is a method used by coaches to enhance learning and performance.

2 (a) Identify and describe **two** types of transfer that may occur when learning and performing movement skills.

(i) _____

_____ [3]

(ii) _____

_____ [3]

Examiner Only	
Marks	Remark

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(Questions continue overleaf)

(iii) _____

_____ [4]

Examiner Only	
Marks	Remark

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