Surname	Centre Number	Candidate Number
First name(s)		2



### **GCE A LEVEL**

A550U10-1

Z22-A550U10-1



THURSDAY, 26 MAY 2022 – AFTERNOON

#### PHYSICAL EDUCATION – A level component 1 Exploring Concepts in Physical Education

2 hours

Use black ink or black ball-point pen. Do not use gel pen or correction fluid.

You may use a pencil for graphs and diagrams only.

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer all questions.

Write your answers in the spaces provided in this booklet. If you run out of space, use the additional page(s) at the back of the booklet, taking care to number the question(s) correctly.

#### INFORMATION FOR CANDIDATES

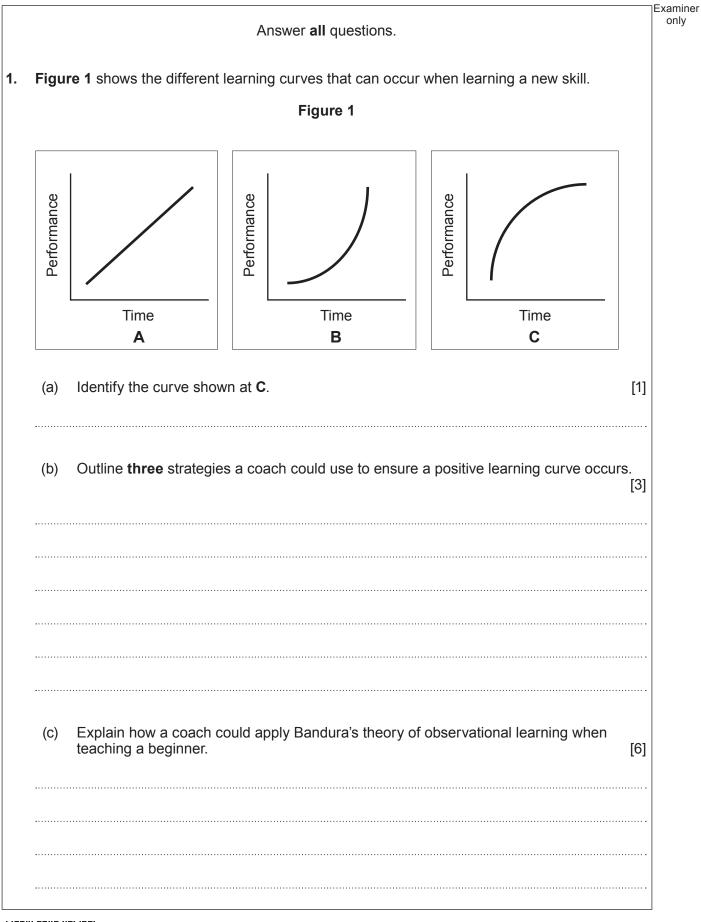
The number of marks is given in brackets at the end of each question or part-question.

You are reminded of the necessity for good English and orderly presentation in your answers.

Diagrams, charts and graphs can be used to support answers when they are appropriate.



For Examiner's use only			
Question	Maximum Mark	Mark Awarded	
1.a	1		
1.b	3		
1.c	6		
1.d	4		
1.e	6		
2.a	4		
2.b(i)	2		
2.b(ii)	2		
2.c	6		
2.d	4		
3.a	4		
3.b	6		
3.c	4		
3.d	6		
4.a	1		
4.b	5		
4.c	8		
4.d	12		
5.a	4		
5.b	3		
5.c	3		
5.d	5		
5.e	6		
Total	105		





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Examiner ..... Motor or movement skills can be classified on continuums. Justify the placement of **two** different specific skills on the following continuums. (d) [4] Specific skill Open Closed ..... Specific skill Serial Continuous Discrete \_\_\_\_\_

3



only

(e)	Explain how different types of reinforcement could be used in the cognitive stage of learning.	[6]

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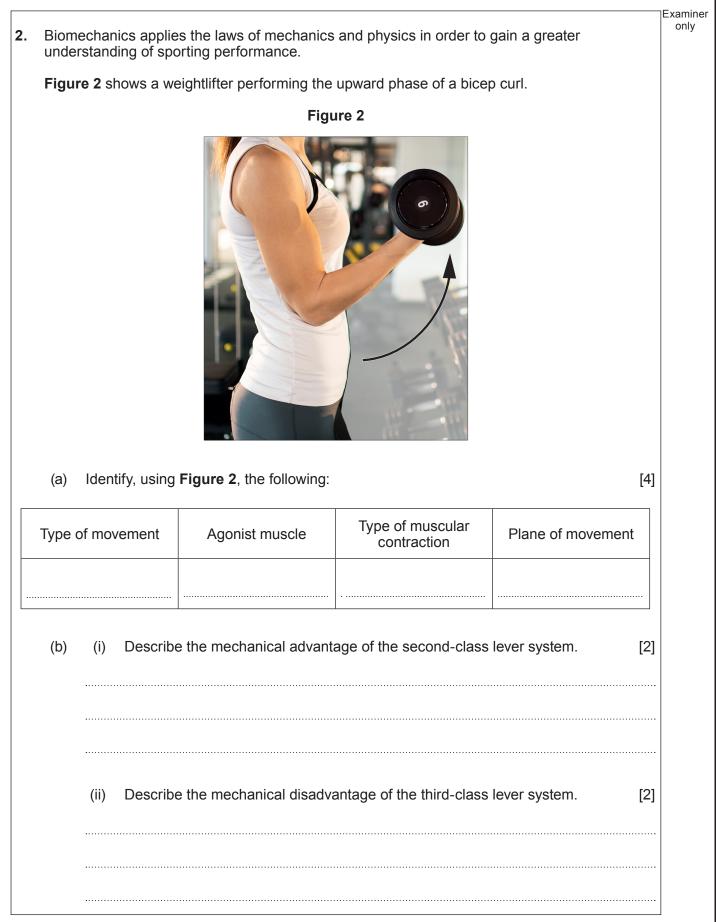
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Explain, using examples, the relationship between moment of inertia, angular velocity and angular momentum. [6] ..... Explain, using examples, how an understanding of fluid mechanics could improve [4]



(d)

performance.

(C)

18

Examiner only

( )		
(a)	Outline the different possible motives for involvement in physical activity. [4]	
		•
		•
(b)	Discuss how an individual's attitude can have an impact on their sporting performance.	
	[6]	]
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(C)	Outline how persuasive communication could be used to change a performer's attitude. [4]	
d)	Analyse strategies that could be used to develop self-confidence and self-efficacy in a performer. [6]	



(a)	Define social institution.	[1]	Exar or
	Explain, using examples, the role of sport in society.	[5]	



(c)	Analyse the contribution the Oxbridge melting pot and the British Empire played in the development of sport around the world. [8]	
		-
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		-



Turn over.

o pro	wentieth century saw a steady move away from participation in sport to watching sport gh spectatorism and increasingly through the media. This generated money and led ofessionalism in sport. Sport has become a mass consumer spectacle now, linked to nercialism.	
(d)	Discuss the view that professional sport destroyed the amateur ideal of the 19th century.	[12]
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Examiner only Justify the use of creatine as an ergogenic aid to improve performance. [4] (a) 5. \_\_\_\_\_ ..... ..... Explain the possible causes of fatigue during anaerobic exercise. (b) [3] \_\_\_\_\_ (C) Explain how an active cool down can assist the removal of lactic acid. [3]

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(A550U10-1)

(d)	Discuss the advantages and disadvantages of altitude training for endurance athletes. [5]	Exar
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(e)	Analyse how knowledge of the three energy systems could help a coach develop a training programme. [6]	
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	END OF PAPER	2
15	© WJEC CBAC Ltd. (A550U10-1) Turn over.	

Question number	Additional page, if required. Write the question number(s) in the left-hand margin.	Examin only
		1

