

Surname	Centre Number	Candidate Number
Other Names		2

**GCE AS – NEW**



B550U10-1



S18-B550U10-1



**PHYSICAL EDUCATION – AS component 1**  
**Exploring Physical Education**

FRIDAY, 18 MAY 2018 – MORNING

1 hour 45 minutes

For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.a	1	
1.b	3	
1.c	2	
1.d	4	
2.a	1	
2.b	2	
2.c	7	
3.a	1	
3.b	4	
3.c	3	
3.d	6	
4.a	1	
4.b	3	
4.c	6	
5.a	4	
5.b	8	
6	14	
<b>Total</b>	<b>70</b>	

**INSTRUCTIONS TO CANDIDATES**

Use black ink or black ball-point pen.  
 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.

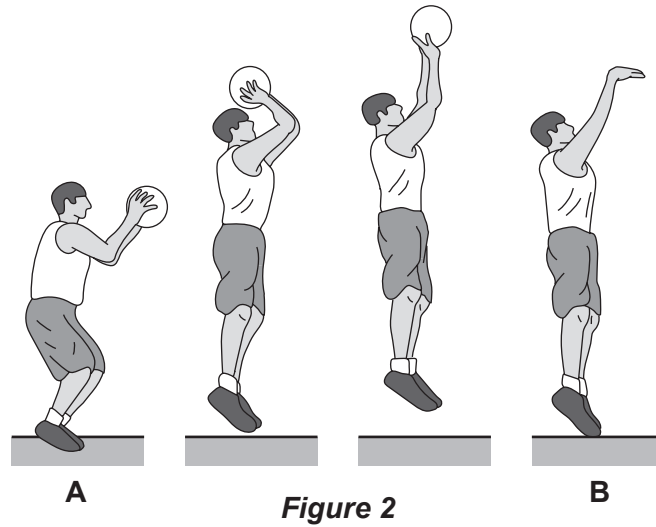
**INFORMATION FOR CANDIDATES**

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.





2. The image below shows a basketball player completing a jump shot.



(a) Identify the lever system operating at the ankle joint at position **A**. Tick (✓) **one** box only.

[1]

- 3rd order lever
- 1st order lever
- 2nd order lever
- Planter Flexion

(b) At the knee in **Figure 2**, identify the main agonist(s) and explain the type of muscle contraction taking place from position **A** to **B**.

[2]

Name of Agonist(s)	Muscle Contraction
.....	.....
.....	.....
.....	.....
.....	.....







4. An attitude is a learned emotional and behavioural response to a stimulus or situation.  
Tick (✓) **one** box only.

[1]

(a) Changing attitudes from negative to positive towards physical activity is achieved using which of the following methods:

Imagery

Selective attention

Bio feedback

Cognitive dissonance

(b) Explain the components of attitude formation, using appropriate sporting examples. [3]

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