



GCE A level

1314/01

PHYSICAL EDUCATION – PE4

P.M. MONDAY, 9 June 2014

2 hours

ADDITIONAL MATERIALS

In addition to this examination paper you will need a 12 page answer book.

INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen.

Write your answers in the separate answer book provided.

Candidates are required to answer **all** questions in Section A and **one** question in Section B.

INFORMATION FOR CANDIDATES

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

You are reminded that assessment will take into account the quality of written communication used in answers that involve extended writing (Section B).

You are reminded that the essay questions in Section B are synoptic and so will test understanding of the connections between the different elements of the subject.

SECTION A

Answer **all** the questions in this section.

1. (a) Explain, using examples, why biomechanics is used extensively in sport. [3]

Figure 1 shows a diver performing a front somersault in the tuck position during a competition.

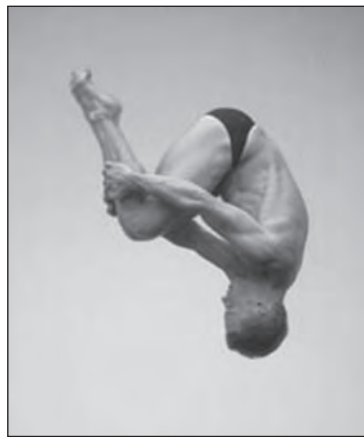


Figure 1

- (b) In terms of biomechanics, explain how a diver executes a front tucked somersault in order to ensure a perfect vertical entry into the pool. [4]
- (c) Explain how cognitive state anxiety would affect the performer **prior to** and **during** the diving competition. [3]
2. (a) Explain, using specific examples, the different types of attributions that athletes might make in order to explain their success or failure in sport. [6]
- (b) Define the term *learned helplessness* and explain its link with self esteem and disaffection within physical activity. [4]
3. Obese and other unhealthy people could be monitored to check whether they are taking exercise and have their benefits cut if they fail to do so under proposals published by Westminster council.
(*The Guardian, Thursday 3 January 2013*)

Discuss the view that it is solely the Government's responsibility to ensure that people lead healthy lifestyles. [10]

SECTION B

Answer one question only in this section.

4. High level sports performers rely on extensive scientific and technological support in order to succeed at the very highest levels.

Discuss the role that technology plays in supporting the elite athlete before, during and after competition. [20]

5. Great Britain will allocate more funding to its most successful Olympic sports in a bid to match its London 2012 medal haul at the next Olympic Games in Rio de Janeiro.

Discuss the advantages and disadvantages of such an approach in terms of achieving excellence and developing participation. [20]

END OF PAPER