

ADVANCED SUBSIDIARY GCE
PHYSICAL EDUCATION
An Introduction to Physical Education

G451

Candidates answer on the question paper.

OCR supplied materials:
None

Other materials required:
None

Tuesday 18 January 2011
Morning
Duration: 2 hours



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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MODIFIED LANGUAGE

INSTRUCTIONS TO CANDIDATES

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- Answer **all** parts of the question in each of Sections A, B and C.
- Do **not** write in the bar codes.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **90**.
- The quality of your written communication will be assessed in questions that are indicated accordingly (*).
- This document consists of **16** pages. Any blank pages are indicated.

Section A

Answer **all** parts of the question.

Anatomy and Physiology

1 (a) Fig. 1 shows a foot striking a ball.



Fig. 1

(i) State the movement at the ankle joint of the striking foot at the point of contact. Name the agonist muscle responsible for creating the movement.

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(ii) How would a warm up affect the contraction of a skeletal muscle?

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- (d) The associationist theory of learning movement skills involves a stimulus-response (S-R) bond. The stimulus, such as a tennis ball travelling over the net, forms a bond with a response, such as a tennis player attempting to hit and return the ball.

Discuss the effects of Thorndike's Laws on the stimulus-response (S-R) bond and the learning of movement skills.

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(e)* The types of practice methods used when learning movement skills can affect performance. Fig. 2 shows different types of practice methods used for the effective performance of movement skills.

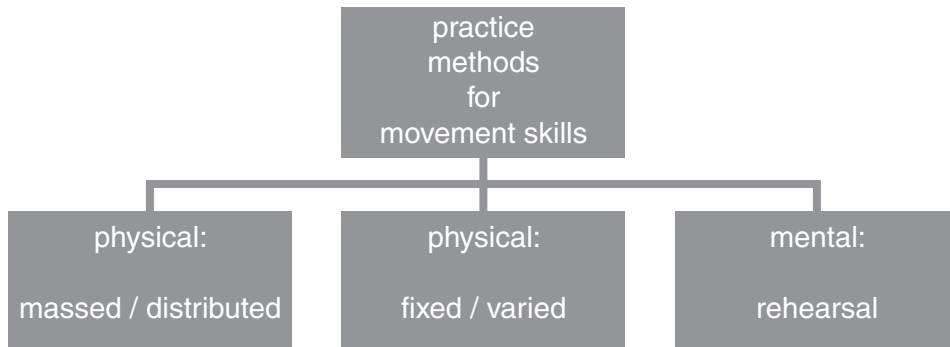


Fig. 2

Describe each of the practice methods shown in Fig. 2. Critically evaluate their use in the performance of movement skills.

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Section C

Answer **all** parts of the question.

Socio-cultural studies relating to participation in physical activity

3 (a) State **three** benefits that can be gained through participation in Outdoor Education. Explain why regular, high quality Outdoor Education is only available in some schools.

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(d) (i) Describe the role of **either** UK Sport **or** one of the National Institutes of Sport.

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(ii) Explain the relatively recent move from a traditional amateur to a more professional approach to the organisation of sport in the UK.

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(e)* Critically evaluate the possible impact of hosting the Olympic Games in the UK in 2012.

Your answer should include benefits and drawbacks to both sport and society.

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