2001 HIGHER SCHOOL CERTIFICATE EXAMINATION Personal Development, Health and Physical Education

Section I - Part B (continued)

In your answers you will be assessed on how well you:

- demonstrate an understanding of health and physical activity concepts
- apply the skills of critical thinking and analysis
- illustrate your answer with relevant examples
- present ideas in a clear and logical way

Question 22 — Factors Affecting Performance (20 marks)

Describe how an athlete's level of arousal affects performance. 4 (a) n athletes level of crossal shown in the inverted hypothe U Inv. U. era is indicated not 120F osulund. icula point but by a a port woused. putiema a poroach. too agressive Mer/ reduced level of h mistahes and lead ey. an over-crowsed dort player will fielit h ca find a there motiva and can with which requires a level anact concentration or agression difficult to their of focus or distatuest. eg. lach of affele has Meir own under-crossed Boxel. Each Question 22 continues on page 14 level of arousal, shown by the zore of optimal functioning. (120F). personal individual The attricke performs bust when the crossel rules a suited to their porsonal preference.

Marks

Question 22 (continued)

(b) Discuss how prescribed judging criteria are used to measure the quality of a performance.

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Question 22 continues on page 15

Marks

6

Question 22 (continued)

Analyse the physiological adaptations that occur when an untrained individual 10 (c) undertakes a 20-week aerobic training program. individu degoes ne 105pogses. 20 Neck C MM Plog(om , SDMe f cale /113 bry iN Se Spanses Stok volore cudiac output Maemoylebin CON Lactate levels. 10 U as 5 SIOlOgica sect ONSONS UINPO beat) MOU 2/000 DJMDC pumped Mount blood ot de a Co Gdap role UD C ter gillenec 0 00 CI Quite fle body 7340 3

Question 22 continues on page 16

Marks

Question 22 (continued)

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End of Question 22

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O Board of Studies NSW 2001