

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE AND ENGINEERING

DEPARTMENT: SPORTS SCIENCE

BACHELOR OF SCIENCE HONOURS DEGREE IN SPORTS SCIENCE AND MANAGEMENT

SSM112 (3) MOTOR SKILLS ACQUISITION AND DEVELOPMENT

DURATION: 3 HOURS

TOTAL MARKS: 100

INSTRUCTIONS TO CANDIDATES

NOV 2021

Answer any **four** questions.

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1. Outline the differences between open and closed motor skills using sporting examples. (25 Marks)
 2. Discuss factors that contribute to the different rates of learning in sport. (25 Marks)
 3. a) Define the concept of skill transfer in sport. (5 Marks)
b) Outline the types of skill transfer, give sport examples. (20 Marks)
 4. Discuss the different types of motor skills learning curves in sport. (25 Marks)
 5. a) Outline Gallahue's Triangulated Hour Glass Motor Development Model in learning motor skill throughout the different stages. (10 Marks)
b) Discuss the importance of hereditary and environment to motor development, give sport examples. (15 Marks)

6. a) Distinguish between the characteristics of Short Term Sensory Store (STSS), Short Term Memory (STM) and Long Term Memory (LTM), give sport examples. (10 Marks)
- b) Discuss the relationship between selective attention and memory, giving sporting examples. (15 Marks)

END OF PAPER