



UNIVERSITY
OF
JOHANNESBURG

JUNE 2016 EXAMINATION

PROGRAMME : BA-BSC HONS (SPORT SCIENCE)
MODULE NAME : SPORTS VISION
MODULE CODE : SVIS001/HMS8X19
DATE : JUNE 2016
DURATION : THREE (3) HOURS
TOTAL MARKS : 130 MARKS

EXAMINER : WDH GILLAN
MODERATOR : J MUNDELL
NUMBER OF PAGES : THREE (3) PAGES

INSTRUCTIONS TO CANDIDATES:

1. Read and understand what is asked before you write anything.
 2. Answer all parts of the question.
 3. Attempt to write legibly, label everything clearly and use a ruler.
 4. You may not have a cell-phone on your person.
 5. Questions in a section MUST remain in order.
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Section one

Theory

marks: 50

Question one

List six aspects/factors in optimal sports performance. 3

Question two

Give two examples of how sports vision skills can be transferred to real life situations. 2

Question three

Differentiate between accommodation and accommodative-vergence. 5

Question four

Depth perception depends on various clues, name them.

10

Question five

Give examples of how eye-hand co-ordination can be evaluated in a sports vision setting. 5

Question six

Describe the quiet eye. Include a brief description of how the quiet eye gets determined. 10

Question seven

Give disadvantages of wearing spectacles in a sports setting. 10

Question eight

Discuss, in point form, the most common mechanisms of eye trauma.

5

Section two

Application

Marks: 80

Question one

A client of yours is a field hockey player who feels that their vision is detracting from their hockey game.

1. What questions would you ask this client regarding their complaint and why? 10
2. What visual skills do you think are important in the game of field hockey? Justify your skills choices. 15
3. What advice would you have for this client? 10

Question two

A client enters your office at the gym having been hit in the region of the eye by a cricket ball.

1. What would you expect to see? 5
2. What complaints would the client present with? 5
3. What condition would you most expect to be present? 5
4. How will you manage this client? 5

Question three

A client needs to have eye-hand co-ordination training. Detail a training program designed to enhance eye-hand co-ordination. 10

Question four

You are employed as the national rugby team power and conditioning coach. You realize that a missing element in the training program of the team is the integration of motor/power skills training with visual skills. In point form, discuss five ways how you could combine your power training regimen with visual skills training for the members of the team. 15