



FACULTY OF SCIENCE

DEPARTMENT OF ZOOLOGY

MODULE ZOO0127

CAMPUS APK

EXAM NOVEMBER 2015

DATE: 30 NOVEMBER

SESSION 8:30

ASSESSOR(S)

DR R GREENFIELD

INTERNAL MODERATOR

DR JC VAN DYK

EXTERNAL MODERATOR

PROF P KING

DURATION 1 HOUR 30 MIN

MARKS 70

NUMBER OF PAGES: 2 PAGES

INSTRUCTIONS: Answer all the questions.

QUESTION 1

Discuss the Vegetation Response Assessment Index with regards to requirements to make it a viable biomonitoring tool and "structured index". (15)

QUESTION 2

- A) List the requirements for assessing Macro-invertebrate assemblages in response to driver conditions. (5)
- B) Discuss the differences between the SASS5 protocol and MIRAI. (10)

QUESTION 3

Discuss the importance of integrated water quality assessments. (15)

QUESTION 4

List the advantages and disadvantages of using artificial substrates in diatom monitoring. (15)

QUESTION 5

Discuss the steps involved when conducting the FRAI bio-assessment protocol. (10)

(70)
