



FACULTY OF SCIENCE

DEPARTMENT OF ZOOLOGY

MODULE ZOO0127

CAMPUS APK

EXAM (Special) November 2016

DATE:

SESSION 11:30

ASSESSOR(S)

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INTERNAL MODERATOR

DR JC VAN DYK

EXTERNAL MODERATOR

PROF P KING

DURATION 1 HOUR

MARKS 50

NUMBER OF PAGES: 2 PAGES

INSTRUCTIONS: Answer all the questions.

QUESTION 1

Discuss the rationale behind the development of the FRAI. (10)

QUESTION 2

The National Aquatic Environmental Monitoring Program (NAEMP) is integral for the sustainability of South Africa's water resources. Discuss this statement in terms of the River Ecosystem Monitoring Program. (10)

QUESTION 3

Discuss the scope of the SASS5 biomonitoring protocol. (10)

QUESTION 4

FRAI, MIRAI and VEGRAI were developed to provide an integrated water quality assessment approach. Discuss the common principles of these biomonitoring tools. (15)

QUESTION 5

List 5 limitations of the River Health Program (RHP) which motivated the development of the River Ecosystem Monitoring Program (REMP). (5)

(50)
