

2ND SEM. 2013/2014 (M)



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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

PROGRAMMES: BACHELOR OF SCIENCE IN AGRONOMY YEAR IV

COURSE CODE: CP 408

TITLE OF COURSE: WEED MANAGEMENT

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER QUESTION ONE (1) WHICH IS COMPULSORY AND ANY OTHER THREE (3) QUESTIONS

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QUESTION 1 (COMPULSORY QUESTION)

Agriculture is considered to have evolved in response to need to the removal of weeds. Are there situations where we ought to encourage weed growth in crops?

[25 marks]

QUESTION 2

(a) Briefly describe the two weed classification systems used in the science of weeds and weed management. Give relevant illustrations/examples in support of your answer.

[15 marks]

(b) Why should we bother to learn the weed classification systems used?

[10 marks]

[25 marks]

QUESTION 3

Why is the understanding of seed dormancy and seed germination so important to weed management?

[25 marks]

QUESTION 4

Describe six (6) characteristics of an ideal herbicide?

[25 marks]

QUESTION 5

(a) Describe the components of a good weed management system

[15 marks]

(b) What factors or conditions other than weeds must be considered in the design of a weed management system?

[10 marks]