



EXAMINATIONS COUNCIL OF ESWATINI  
Eswatini General Certificate of Secondary Education

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AGRICULTURE

6882/01

Paper 1

October/November 2019

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*Confidential*

***MARK SCHEME***

***{6882/01}***

***MARKS: 60***

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This document consists of 4 printed pages.

**SECTION A**

**1 B**

**2 C**

**3 A**

**4 D**

**5 D**

**6 A**

**7 C**

**8 A**

**9 D**

**10 A**

**11 A**

**12 B**

**13 D**

**14 A**

**15 D**

**16 D**

**17 A**

**18 A**

**19 D**

**20 B**

**[20 Marks]**

## SECTION B

### Short Response Items

- 21** lime A-ref to liming material e.g. calcium carbonate/ gypsum/ dolomitic lime [1]
- 22** compound interest [1]
- 23** outcrossing/ outbreeding [1]
- 24** rumination/ regurgitation [1]
- 25** collateral [1]
- 26** issue import permits for GMOs; disaster management control; supervision  
A – protection/ conservation of environment [1]
- 27** loss of topsoil for crop production/ reduce soil fertility/ loss of productive land/ loss or  
washing of fertile soil [1]
- 28** selectively/ partially/ semi-permeable [1]
- 29** entrepreneurship [1]
- 30** maintenance ration [1]
- 31** maize streak virus R- maize streak only [1]
- 32** non-selective [1]
- 33** calibration A – calibrating [1]
- 34** enclosed pistil and stamen; short filaments/ long style or stigma; thick stigma;  
large petals R- nectar/scent/colour [2]
- 35** water act R- water policy [1]
- 36** leaching [1]
- 37** Newcastle R - Newcastle [1]
- 38** dominance A – dominant [1]
- 39** intermediate technology [1]
- 40** budgeting R – budget [1]
- 41** weaning [1]
- 42** good appetite; normal body temperature; normal pulse rate; normal body  
conformation; smooth/ pliable skin; pink/ moist mucus membrane; normal faeces;  
normal urine; clear bright eyes; shiny coat; easy/quiet breathing  
R – appetite only [1]
- 43** fumigation [1]
- 44** protective clothing; dilute outdoors/ well ventilated; read and follow instructions

- A – ref to ingestion e.g. smoking/tasting/eating/inhaling [2]
- 45** use resistant cultivars; crop rotation; seed dressing; burn infected plants;  
early planting; fertilising; protective spraying; clean planting material  
A – ref to field sanitation e.g. weeding/ burn crop residues/ digging [2]
- 46** strip grazing [1]
- 47** opportunity cost [1]
- 48** uncertainty [1]
- 49** advertising                      A – advertise [1]
- 50** seed rate [2]
- 51** cooling effect; transport water and minerals; promotes absorption;  
removes excess water [2]
- 52** living cells/ mitochondria [1]
- 53** disbudding iron              A- scoop dehorner              R – dehorning iron/ dehorner [1]
- 54** cultural control [1]
- 55** overflow pipe/ spillway [1]
- 56** supply [1]

**[40 Marks]**