



Confidential

MARK SCHEME

{6882/01}

MARKS: 60

Section A

- 1 C
- 2 A
- 3 A
- 4 D
- 5 C
- 6 A
- 7 C
- 8 D
- 9 A
- 10 A
- 11 A
- 12 B
- 13 B
- 14 D
- 15 A
- 16 A
- 17 C
- 18 B
- 19 D
- 20 C

[20 marks]

Section B: Short Objective Questions

- 21 Selection/ artificial selection [1]
- 22 Biological weathering [1]
- 23 Quarantine [1]
- 24 Maize streak virus [1]
- 25 Prevents rust [1]
- 26 Grading [1]
- 27 Maintains pure breeds; desired traits retained; expose undesirable traits [1]
- 28 Identify consumers/ tastes/ preferences; market size [1]
- 29 Oxygen [1]
- 30 Bacteria; protozoa [2]
- 31 Variable cost [1]
- 32 Cobs hang down; plant dries up; seeds harden [2]
- 33 Omasum [1]
- 34 Recessive [1]
- 35 Biting and chewing [1]
- 36 Broadcasting; sod seeding; seeds with turfs [2]
- 37 High germination; high yielding; weed free [2]
- 38 Dosing gun [1]
- 39 High production/ yield; long shelf life/ disease resistance [1]
- 40 Calcium/ magnesium [1]
- 41 Leaching; runoff [2]
- 42 Hay [1]
- 43 Hypogeal; epigeal [2]
- 44 Hybrid vigour; variable offspring [1]
- 45 Striga/ witch weed [1]
- 46 Reproduction; ability to reproduce [1]
- 47 Fertilisation [1]

- 48 Weaning [1]
- 49 Uterus/ womb [1]
- 50 Sweet smell/ green yellow colour; acidic taste [1]
- 51 Reduces costs; less wastage; less pollution; promotes green living [1]
- 52 Sand; gravel; sawdust; crushes; water [1]

[40 marks]