



***Confidential***

***MARK SCHEME***

***{6882/01}***

***MARKS: 60***

### Section A - Multiple Choice

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

### Section B – Short answers

21. physical weathering
22. organic matter
23. soil crumb/ crumbly
24. phosphorus
25. diffusion
26. reduced photosynthesis rate
27. source of vitamin B/ provide vitamin B
28. balanced ration
29. calcium
30. production records
31. (i) nozzle  
(ii) for pumping/ builds up pressure
32. fertility; water content; soil pH
33. vaccination
34. durable/ durability
35. Desertification
36. (i) Soil erosion  
(ii) Compaction

37. near a water supply; open area; well drained; slightly sloping
38. ovary
39. commercial farming
40. (i) Newcastle/ avian flu/ fowl pox  
(ii) brucellosis/ foot and mouth
41. annual weeds
42. fungi
43. burdizzor/ elastrator **R = knife**
44. invasive species
45. capital
46. translocation
47. self-pollination
48. mulch
49. (i) vectors/transmit diseases  
(ii) damage hide/ skin
50. chromosome
51. implements
52. (i) gully erosion  
(ii) planting trees in dongas; build barriers