

Question 2

Maximum mark

- (a) C D B E A ;;  
[Two error = 1 mark, more than two errors = 0 marks]  
[Allow one mark for D B E A C] 2 marks
- (b) (i) Root tip / (just behind) last 4-5 mm of root ; 1 mark
- (ii) (Ethanoic / acetic / propionic) orcein / feulgen / toluidene blue /  
haemotoxalin ; 1 mark
- (c) (i) (DNA) replication / S1 ; [do not credit reference to prophase / interphase] 1 mark
- (ii) {DNA / chromosomes} {doubled / copied} / new set of {chromosomes / DNA} forms  
/ eq ;  
[Allow replication if not given in part (i)] 1 mark

Total 6 marks