

Question Number	Answer	Additional Guidance	Mark
3(a)	57 / 57.1 / 57.14 (%) ;		(1)

Question Number	Answer	Additional Guidance	Mark
3(b)	1. cylinders / tubes / hollow rods ; 2. at right angles ; 3. made of microtubules ;	1. NOT tubules 2. ACCEPT perpendicular / 90° 3. IGNORE numbers of microtubules	(2)

Question Number	Answer	Additional Guidance	Mark
3(c)(i)	R Q S P ;		(1)

Question Number	Answer	Additional Guidance	Mark
3(c)(ii)	1. prokaryotic cells do not have (linear) chromosomes ; 2. prokaryotic cells do not have a nucleus ;	ACCEPT 'they' as eq to prokaryotes / prokaryotic cells 1. ACCEPT (prokaryotic cells) have circular DNA / eq 2. IGNORE nuclear membrane	(2)

Question Number	Answer	Additional Guidance	Mark
3(d)	1. formation of the nuclear {envelope / membrane} ; 2. formation of nucleoli ; 3. formation of {cell plate / cell wall} ; 4. cell division / eq ;	IGNORE sequence 1. ACCEPT formation of nucleus 1 and 2. ACCEPT re-formation 2. ACCEPT singular or plural name 4. IGNORE cytokinesis 4. ACCEPT division of cytoplasm 4. ACCEPT formation of cell membrane	(3)