

Question Number	Answer	Mark
*1(b)QWC	<p>(QWC - Spelling of technical terms must be correct and the answer must be organised in a logical sequence)</p> <ol style="list-style-type: none"> <li>1. <i>nucleolus</i> {disappears / breaks down} / eq ;</li> <li>2. <i>nuclear</i> {envelope/membrane} breaks down / eq ;</li> <li>3. <i>centrioles</i> move to (opposite) poles / <i>centrioles</i> separate / eq ;</li> <li>4. {<i>spindle</i> / <i>spindle</i> fibres / <i>asters</i>} form / are visible / are produced by <i>centrioles</i> / eq ;</li> <li>5. {<i>chromosomes</i> / <i>chromatids</i>} become visible / eq ;</li> <li>6. {<i>chromosome</i> / <i>chromatid</i> / <i>chromatin</i> } condenses / DNA coils / eq ;</li> <li>7. (chromosomes can be seen as) {pairs of /sister } <i>chromatids</i> / eq ;</li> <li>8. correct reference to <i>centromere</i> (holding chromatids in pairs );</li> </ol>	(5)

Question Number	Answer	Mark
2 (a)	<ol style="list-style-type: none"> <li>1. natural ;</li> <li>2. evolution / speciation / reproduction;</li> <li>3. behavioural ;</li> </ol>	(3)

Question Number	Answer	Mark
2 (b)		(3)