

| Question Number | Answer | Mark |
|-----------------|--|------|
| 5(a)(i) | reference to {chemical / air / gravity / light / eq} ; | (1) |

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|-----------------|---|------------|
| 5(a)(ii) | <ol style="list-style-type: none"> 1. idea of {breakdown / digestion / eq} of style ; 2. (breaks down) protein / pectin / middle lamella ; 3. reference to hydrolysis / eq ; 4. easier for pollen tube to grow / reduced resistance / eq ; 5. supplies {nutrients / named nutrient / energy} for (pollen tube) growth / eq ; | max (3) |

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|-----------------|---|------------|
| 5(b) | <ol style="list-style-type: none"> 1. photosynthesis ; 2. {component / eq} of {cytoplasm / sap} ; 3. water as a solvent /eq ; 4. water as a transport medium /eq ; 5. involved in thermoregulation / eq ; 6. reference to role in structural support ; 7. reference to involvement in hydrolysis ; 8. reference to turgor changes ; | max (3) |