

Question Number	Answer	Additional Comments	Mark
5(a) (i)	<ol style="list-style-type: none"> <li>1. increasing mass increased the distance up to 150 (g) ;</li> <li>2. 150 (g) to 200 (g) / after 150 (g) the distance did not change ;</li> <li>3. relationship is linear to 100(g) and non-linear above 100 (g) ;</li> <li>4. greatest change in 0 to 100 (g) range ;</li> </ol>	<p>IGNORE UNITS</p> <ol style="list-style-type: none"> <li>1. ACCEPT weights instead of masses</li> </ol>	(2)

Question Number	Answer	Additional Comments	Mark
5(a) (ii)	<ol style="list-style-type: none"> <li>1. add smaller masses / add 10 g or 5 g masses ;</li> <li>2. from 200 g / between 200 and 250 g ;</li> </ol>	<ol style="list-style-type: none"> <li>1. ACCEPT masses of any value less than 50g, e.g. 20g. Must state units.</li> </ol>	(2)

Question Number	Answer	Additional Comments	Mark
5(b)	<ol style="list-style-type: none"> <li>1. <b>two</b> different fibre variables taken into account e.g. length, width, age, mass, hydration level, part of plant extracted from ;</li> <li>2. environmental variable controlled, e.g. temperature, humidity, ;</li> <li>3. named procedural variable controlled, e.g. size of masses used, retting method used to extract fibres ;</li> <li>4. idea of adding masses until fibre breaks /measure the mass [ that breaks the fibre / that the fibre can hold before breaking / eq } ;</li> <li>5. repeat and find the { mean / average } ;</li> <li>6. reference to action taken in case of { anomalous result / outlier } ;</li> <li>7. reference to safety procedure ;</li> </ol>	<ol style="list-style-type: none"> <li>2. IGNORE light intensity</li> <li>3. ALLOW descriptions of methodology, e.g. the way in which the masses are added to the fibre</li> </ol>	(5)