<table>
<thead>
<tr>
<th>Question</th>
<th>Answers</th>
<th>Extra information</th>
<th>Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.1</td>
<td>contact examples: friction, air resistance, tension</td>
<td></td>
<td>1</td>
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<tr>
<td></td>
<td>non-contact examples: gravitational, electrostatic, magnetic forces</td>
<td></td>
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</tr>
<tr>
<td>01.2</td>
<td>less than</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>01.3</td>
<td>speed increases so</td>
<td></td>
<td>1</td>
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<tr>
<td></td>
<td>resistive force increases until the resistive is</td>
<td></td>
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<tr>
<td></td>
<td>balanced by the motive force and the speed then becomes constant</td>
<td></td>
<td>1</td>
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<tr>
<td>02.1</td>
<td>constant height: A and C</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>constant speed: D and B</td>
<td></td>
<td>1</td>
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<tr>
<td>02.2</td>
<td>able to film from a greater height and film in dangerous places</td>
<td></td>
<td>1</td>
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<tr>
<td>02.3</td>
<td>the drone is an invasion of privacy</td>
<td></td>
<td>1</td>
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<tr>
<td></td>
<td>the drone may crash and cause an accident</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>03.1</td>
<td>two vectors at 90° to each other (arrows can point in any direction as long as they are at 90°)</td>
<td></td>
<td>1</td>
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<tr>
<td></td>
<td>one arrow 1.5 times the length of the other</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>03.2</td>
<td>vectors at 90° to each other</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Scale correct</td>
<td>Resultant drawn correctly</td>
<td>Magnitude of resultant = 860 to 940 N</td>
<td>1</td>
</tr>
</tbody>
</table>