

| Question number | Answer   | Notes  | Marks |
|-----------------|--|--|-------|
| 11 (a)          | 78 seen;<br><br>= 78 / 60;<br><br>1.3;   | acceleration = (final v – starting v)/time;<br><br>CORRECT ANSWER WITH NO WORKING = (3)  | 3     |
| (b)             | air resistance (when moving);<br><br><br><br>increases as velocity / speed increases;<br>reducing resultant force; | ACCEPT drag<br>IGNORE wind resistance<br>IGNORE friction with ground<br>'friction' alone needs qualification<br><br>REJECT 'reaches terminal velocity' | 3     |