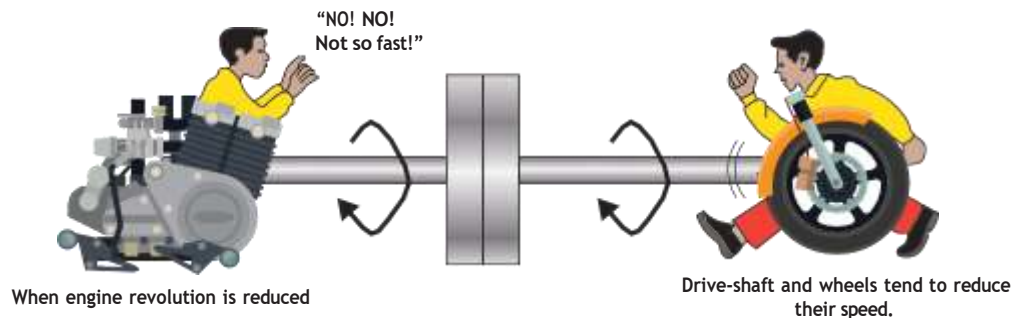


BRAKING TECHNIQUE

99. One of the most important skill for safe riding is correct braking technique. As the learner rider begins to ride in higher speed, he should be equipped with good braking skills in order to reduce the speed or stop the motorcycle completely at various road conditions.

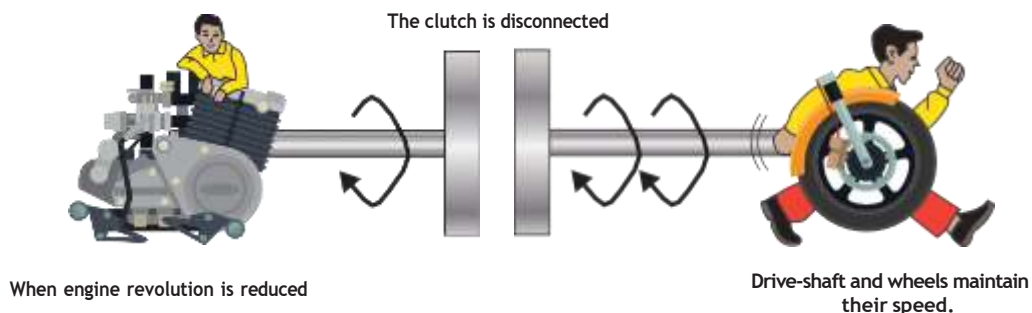
ENGINE BRAKING

100. When your machine is in motion, the throttle is closed, the gear engaged and without pulling in the clutch lever, there will be reduction in engine revolution, resulting in a braking effect on the wheels which is known as 'engine braking'.



Engine braking plays a very important role;

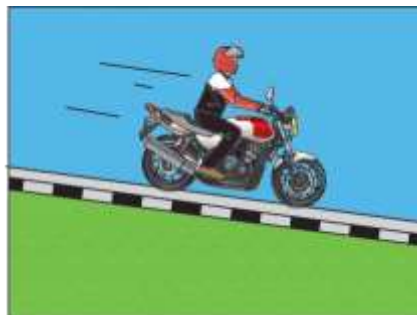
- i. When you need to slow down in wet or slippery road conditions
 - ii. When you are going down a long and steep slope. OR
 - iii. When you want to reduce the speed while riding at high speed.
101. The engine brake will no longer be effective when the clutch lever is pulled in. The effect of pulling in the clutch lever too early will cause 'free-wheeling' to the motorcycle; stopping distance will also be longer and dangerous especially when traveling at high speed.



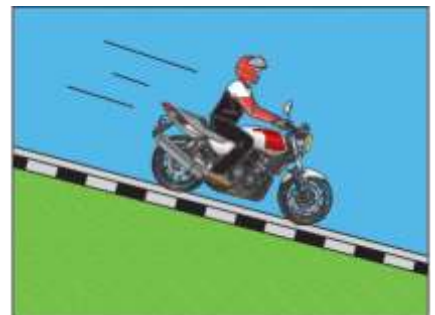
102. The lower the gear, the more effective the engine brake. This is especially useful when riding down a hill where there is a need to control the speed of descent of your vehicle.



a. Use the 3rd gear when the slope is gradual.



b. Use the 2nd gear when the slope is steep.



c. Use the 1st gear and the footbrake together when the slope is short and steep.