## CCELERATION

## KEY WORDS \& DEFINITIONS

I. Velocity

The rate of change of displacement

## 2. Acceleration

The rate of change of velocity

## VELOCITY TIME CRAPHS


velocity
Acceleration, if velocity is a function of time

$$
a=\frac{\mathrm{d} v}{\mathrm{~d} t}=\frac{\mathrm{d}^{2} s}{\mathrm{~d} t^{2}}
$$

## FORMULAE

Velocity, if displacement is a function of time:

$$
v=\frac{\mathrm{d} s}{\mathrm{~d} t}
$$

