rate of change of a quantity

The time derivative $\frac{dQ}{dt}$ of the value of the quantity. The differential quotient may also be called derivative (or instantaneous) rate of change. Examples are: rate of change of mass, $\frac{dm}{dt}$; rate of change of amount of substance, $\frac{dn}{dt}$.

Source:
PAC, 1992, 64, 1569 (Quantities and units for metabolic processes as a function of time (IUPAC Recommendations 1992)) on page 1572