

PEBC PHARMACIST QUALIFYING EXAMINATION - PART I

REFERENCE SHEET

The data set out here is for reference purposes and does not require any answers from the candidate.

$$t_{1/2} = \frac{0.693}{k}$$

$$V_d = \frac{A_0}{C_0}$$

$$t_{90} = \frac{0.105}{k}$$

$$C = \frac{R_0}{kV_d} (1 - e^{-kt})$$

$$Cl_t = \frac{\text{Amount absorbed}}{AUC_0^\infty} \text{ or } \frac{FD}{AUC_0^\infty}$$

$$\bar{C}_{ss} = \frac{R_0}{kV_d}$$

$$\text{CrCl in mL/min (male)} = \frac{[(140 - \text{age}) \times \text{actual body weight (kg)} \times 1.2]}{\text{serum creatinine } (\mu\text{mol/L})}$$

$$\text{CrCl in mL/min (female)} = 0.85 \times \text{CrCl (male)}$$

$$\text{BMI} = \text{Body weight (kg)} / \text{height}^2 (\text{m}^2)$$