

$$2. \quad \text{pH} = 12$$

$$\text{pOH} = 14 - 12 = 2$$

$$[\text{OH}^-] = 10^{-2}$$

$$\% \text{ การเบสตกตัว} = \frac{[\text{OH}^-]}{M} \times 100$$

$$= \frac{10^{-2}}{0.05} \times 100 = 20 \%$$

$$18. \quad \frac{1}{f} = \frac{1}{s} + \frac{1}{s'}$$

$$\frac{1}{80} = \frac{1}{60} + \frac{1}{s'}$$

$$s' = -240 \text{ m}$$

$$19. \quad \frac{\text{วลาย} - \text{ต้น}}{\text{เวลา}} = a$$

$$\frac{0 - 50}{5} = -10$$

$$25. \quad W = F_s \cos \theta$$

$$= 40 \times 6 \cos 60$$

$$= 120 \text{ J}$$