(1) 
$$S = \sqrt{\frac{\sum (x_1 - \overline{x})^2}{n - 1}} = \sqrt{\frac{\sum x_1^2 - n\overline{x}^2}{n - 1}}$$

$$= \sqrt{1.284 - 6 \times 14.33^{2}}$$

$$\chi_{\frac{1}{2}}(n-1) = \chi_{0,05}(t) = 11.07$$

$$v = \left(\frac{s_1^2 + s_2^2}{n_1 + s_2^2}\right)^2$$

$$\frac{\left(\frac{s_1^2}{n_1}\right)^2 \left(\frac{s_2^2}{n_1}\right)^2}{\left(\frac{s_1^2}{n_1}\right)^4 \left(\frac{s_2^2}{n_2-1}\right)^2}$$

(2) 
$$(n_1-1)$$
  $\frac{1}{3}$   $(n_1-1)$   $\frac{1}{3}$   $\frac{1}{3}$ 

(3)

$$\left(\frac{s_{2}^{\prime}}{s_{2}^{2}} \times \frac{1}{F_{\frac{1}{2}}(n_{1}-1, h_{2}-1)}, \frac{s_{1}^{2}}{s_{2}^{2}} \times \frac{1}{F_{1-\frac{\alpha}{2}}(n_{1}-1), h_{2}-1}\right)$$