(ii) 
$$\frac{\overline{x} - \mu_0}{\sqrt{\frac{s^L}{n}}} \sim t \xi_n = \text{Test statistic.}$$

$$\overline{X} = \frac{2.8 + 3.5 + 3.4 + 2 + 2.5 + 2.9 + 3.2}{7}$$
= 2.914

$$s^{2} = \frac{\sum (n_{1} - \overline{\lambda})^{2}}{n - 1}$$

$$= \frac{(2 \cdot 8 - 2 \cdot 9)^{\frac{1}{2}} + (3 \cdot 5 - 2 \cdot 9)^{\frac{1}{2}} + (3 \cdot 4 - 2 \cdot 9)^{\frac{1}{2}} + (2 \cdot 5 - 2 \cdot 19)^{\frac{1}{2}} + (2 \cdot 5 - 2 \cdot$$

: Test statistics = 
$$\frac{2.914 - 0.2981}{\sqrt{\frac{0.2981}{7}}}$$
  
= -1.3859

(14) to the

(iv) since test statistics when (-1.3859) obes not dem in the rejection region, so we cannot reject Ho at 10% level of significance.

So the our assumption of the average grading