

Null and alternative hypothesis of ANOVA test:

$$H_0: \mu_1 = \mu_2 = \mu_3$$

$H_1$ : *at least one of means is different*

P-value of the ANOVA test equals to

$$p = 0.878$$

The significance level is given to be  $\alpha = 0.05$ .

Since  $p > \alpha$  we fail to reject the null hypothesis. There is no enough evidence to reject the null hypothesis at significance level  $\alpha = 0.05$ .

**ANSWER: B**