

### 13.4: An introduction to experimental Design.

\* Treatment

\* Factor : • single factor experiment .

• Factor experiment .

\* Randomization .

التكرارات \* Replications

\* experimental units .

\* Design :

1. completely Randomized Design .

2. Randomized Block Design .

3. Factorial experiment .

exp: (2L1)

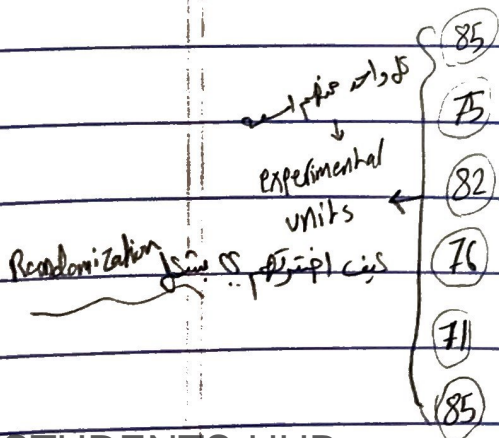
Treatments : plant 1                      plant 2                      plant 3

Factor : school (single factor experiment)

طبي الى حيز واحد

Randomization :

Plant 1



→ sample size = 6 = experimental units = Replications.