Exam2 Topics
*No Tables Required

Exam will cover MultReg5 (Logistic Regression) through Random2 slide 65 (Split Plot).

General Topics:
- Model selection
- Interactions
- emmeans
- Covariates
- Fixed vs Random effects
- Crossed vs Nested

Logistic Regression:
- Parameter Interpretation
- Tests and CIs
- Lack of fit test

Experimental Design:
- Treatment vs Blocking structure. Remember that various Treatment designs (ex: 2 factor design) can be combined with various Blocking Designs (ex: RCB).
- Blocking designs (CRD, RCB, BIBD, Latin Square, Split Plot)
- Be able to recognize, write R code and skeleton ANOVA table (model terms and df) for various designs.