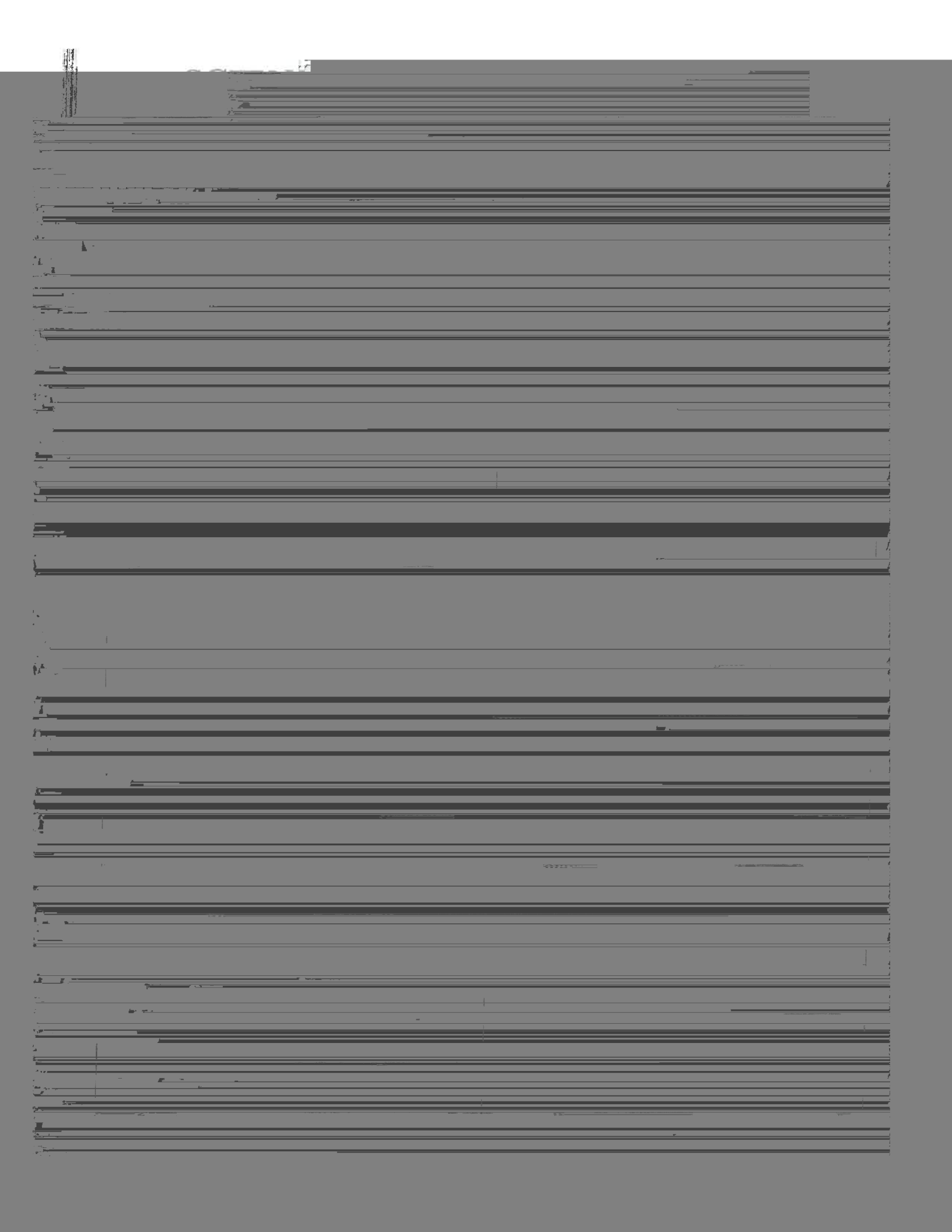


list of variables for many of these questions.

BIOLOGY

- What affects the speed of germination (the time it takes a seed to sprout)?



There are three types of variables that must be considered when designing an experiment:

1. Independent Variable (IV): The variable that is manipulated or changed by the researcher to observe its effect on the dependent variable.

2. Dependent Variable (DV): The variable that is measured or observed, and is expected to change as a result of the manipulation of the independent variable.

3. Extraneous Variable (EV): Any variable that is not the independent variable but that could affect the dependent variable, potentially confounding the results of the experiment.

These variables must be carefully controlled and identified to ensure the validity and reliability of the experimental results.

