The “Pre-Lab” Report should include the following components.

1. First, use one page as the cover. List your name, time of the report done, laboratory time in the week, your session number, your TA’s name, the laboratory number according to the handout, title of the circuit, and your partner’s name if you have one.
2. Starting from the 2\textsuperscript{nd} page, first, the objective. A few sentences, defining the goal of this experiment.
3. Your specific approach: describe the circuit diagram(s) (accurately labeled), and what will be measured (observed).
4. PSPICE analysis when this is required in the handout. Show the circuit diagram and simulation results, label in your printout the time and date of the simulation, and your name.
5. Further theoretical discussion:
   (A) Compare hand calculation results with your earlier PSPICE simulation
   (B) Further analysis beyond that is required
6. Answer all of the questions listed in the laboratory handout
7. Finally, a summary.

Note:

1. You will not be allowed to start the hands-on experiment until you turn in a hardcopy of the pre-laboratory report to your TA.
2. Grading of your report has everything to do with its clarity. So, please label your figure and simulation result well, for example, you should put in units, define your circuits clearly, and describe your results with complete sentences.
3. Text-formatted report is preferred. Hand-written pages are acceptable, but they are usually more difficult to read.
4. The style should be use first-person, present tense, when describing facts.