Chemical Catalysis Postlab

Please do not give short (one or two word answers) to the questions.

ALL Answers must be written by hand directly into your lab notebooks.

1. Why are pure or very concentrated solutions of hydrogen peroxide considered to be dangerous?

2. Why must metal containers never be used for the storage of hydrogen peroxide?

3. Identify the catalyst and intermediate in the following stepwise reaction.

   \[ A + B \leftrightarrow C + D \]
   \[ C + E \leftrightarrow F + A \]