

### THEORY

1. The rate of reaction is directly proportional to the concentration of the reactants.  
2. The rate of reaction is directly proportional to the surface area of the reactants.  
3. The rate of reaction is directly proportional to the temperature of the reactants.  
4. The rate of reaction is directly proportional to the pressure of the reactants.  
5. The rate of reaction is directly proportional to the concentration of the catalyst.

### EXPERIMENT

**Objective:** To study the effect of concentration, surface area, temperature and pressure on the rate of reaction.

**Apparatus:** Conical flask, delivery tube, gas jar, stopwatch, thermometer, etc.

**Procedure:** ...

Result:

### QUESTION



### ANSWER