(a)   make **one** suitable inference .

The _____ *is depend on the* _____

   `temperature of liquid`   `quantity of heat supply`

(b)   state **one** appropriate hypothesis
         `quantity of heat supply` `higher`   `temperature of liquid`
The higher the _____, the _____ the _____

(c

    (i)   aim of the experiment   `temperature of liquid`
               to determine the relationship between _____ and _____
                                              `quantity of heat supply`

    (ii)   variables in the experiment
              MV _____ `quantity of heat supply / power voltage`

                    `temperature of liquid`
              RV _____

                     `mass of liquid/ specific heat capacity of liquid`
              CV _____

    (iii)   list of apparatus and materials   **NO TYPE/ SIZE**
               (From list given and use to measure RV and MV with controlling the motion)

               `thermometer , immersion heater, power supply, (battery)`
               `weighing balance`

    (iv)   arrangement of the apparatus
               (diagram with label)

    (v)   the procedures of the experiment
                1.   method of controlling the manipulated variable (***initial data)***
                    `set up as shown, supply 4V of voltage as` power voltage
                    `of heat energy to heat the water in the beaker`
                2. method of   measuring the responding variable (use what and how to
                    measure)
                    `measure the increase of temperature of the water using`
                    `thermometer to observe the corresponding of the increase`
                    `of power voltage   @=  #1-#2`
                3. repeat with 4 difference value
         `repeat the experiment with different of power supply`
         `of 6V, 8V, 10V and 12 V` **(MUST HAVE 4 READING)**
    (vi)   the way of tabulate data

MV, symbol and unit	RV, symbol and unit
`power voltage, V`	`temperature, @`

(viii)   analyse the data

symbol and unit

temperature, @

power voltage, V

Symbol and unit