**Chapter two Review Questions**

**Solution**

**1. Match each of the following parts of this problem to its correct**

**location in a defining table**

* **Multiply by 15 ---- process**
* **Season cost ---- out put**
* **area of lawn ----- input**
* **multiply by 0.01--- process**

**2. Number each of these steps to solve the problem in the correct order form list**

* **Multiply the area of the lawn by 0.01 and then by 15 to get**

**the season cost. 2**

* **Display the season cost for the user to see. 3**
* **Get the total area of the lawn from the user. 1**

**3**

* **Multiply overtime hours by regular hourly wage by 1.5 to get overtime pay to get over time pay (overpay = over Hours \* regular wage \* 1.5) ------ processing**
* **Subtract tax from gross pay to get net pay (net pay = gross Pay -tax) ------- processing**
* **Overtime hours ------ input**
* **Multiply regular hours by regular hourly wage to get regular pay (regular pay = regular hours \* regular wage) ------ processing**
* **Multiply gross pay by 0.15 to get tax (tax = gross Pay \* 0.15) ---- processing**
* **Regular hourly wage----- input**
* **Regular hours---- input**
* **Add regular pay and overtime pay to get gross pay (gross pay = regular pay + overtime Pay)----- process**
* **Net pay. Out put**

**4.Number each of these steps to solve the problem in the correct order**

**from first (1) to last (7).**

* **Display net pay for the user to see. -----7**
* **Add regular pay and overtime pay to get gross pay.**

**(gross Pay= regular Pay + overtime Pay) ----4**

* **Multiply gross pay by 0.15 to get tax.**

**(tax = gross Pay\*0.15) ----5**

* **Get regular hours, overtime hours, and regular hourly wage**

**from the user. ---- 1**

* **Multiply overtime hours by regular hourly wage by 1.5 to get**

**overtime pays. ------3**

* **Subtract tax from gross pay to get net pay. (net Pay = gross pay -tax) ----- 6**
* **Multiply regular hours by regular hourly wage to get regular pay. (regular pay= regular Hours \* regular wage) -------2**

**5. Find the**

**a. Input**

**b. Try, catch and throw Control structure**

**c. competition**

**c. Selection Control structure**

**d. Sequence Control structure**

**e. Output**

**f. Repetition Control structure**

**g. Storage**

**6. Much**

**a. Sequence = Couse the computer to execute statements in the order they are written in a program, from to bottom**

**b. Selection = Couse the computer to select one group of statements to execute and another group or groups to skip**

**c. Repetition = Couse the computer to repeat a group of statement**