


Course No: UNI 1202
Course Title: English 1 – Technical Writing
Date: 15/04/2017
No. of Questions: (3)
Time: 60 min
Using Calculator (No)

University of Palestine

Midterm Exam
Second Semester 2016/2017
Total Grade: 20

Instructors' Names: Dr. Osama Dawoud
Dr. Tahreer Fayyad
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Student No.: _____
Student Name: _____
College Name: Engineering
Dep. / Specialist: Engineering
Using Dictionary (No)

Question One:

The attached text was copied from a lab report for some experiment. Read the attached text and answer the following questions:

Introduction

The current experiment aimed at determining the pH of a seawater sample using two methods: pH paper, and pH meter. The experiment was used to check the validity of the pH paper as a measurement method.

Acids are substances that produce free hydrogen ions (H^+ ions) when dissolved in water. Bases are substances that produce hydroxyl ions (OH^- ions) when dissolved in water. Acidic solutions are rich in hydrogen ions and basic solutions are poor in hydrogen ions. Some acids dissociate only partly, releasing very small amounts of H^+ ions, and are called weak acids. Others dissociate completely, releasing large amounts of H^+ ions, and are called strong acids. In the same way, bases that dissociate partly are called weak bases and those that dissociate completely are called strong bases.

Answer the following questions:

1. Propose a title for the report according to the aim of the experiment.

.....
.....

2. List the objectives of the experiment.

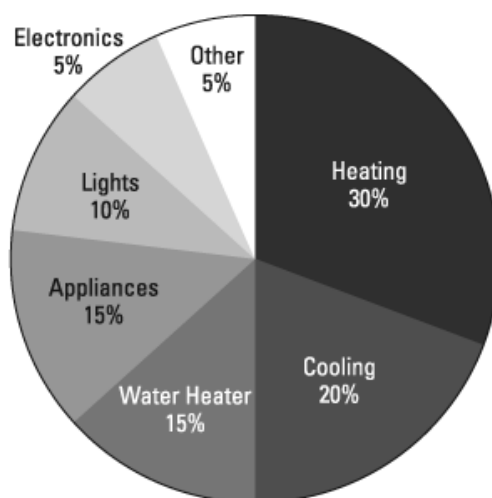
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3. Summarize the theoretical background provided in previous in one sentence such that it can be included in the abstract of the report.

.....
.....

Question Two:

Check the following figure for the average household electricity consumption in US for the year 2017:




Express the following hints into verbal forms:

1. Heating and Cooling $\rightarrow \frac{1}{2}$ of energy consumption

.....

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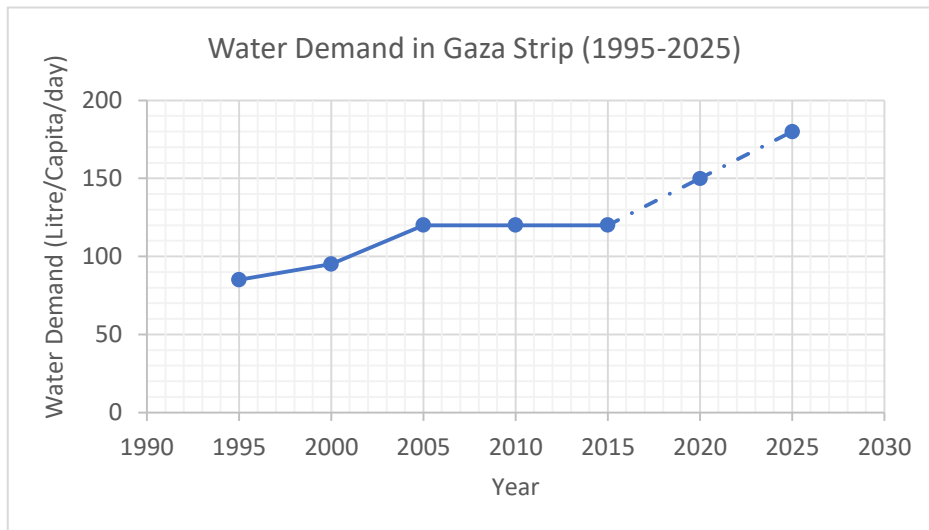
2. Cooling Consumption > Consumption of Water Heater by ..??..

3. Maximum consumption.

4. Less than 1/6 of consumption → Lights.

Question Three:

Write a paragraph of at least four sentences that describes the following figure. Make sure to describe: trends of data behavior at different phases, the projected trend after year 2017.



End of Questions
 Good Luck