**ASSIGNMENT #2**

**CE4218 Hydrology Tue/Thu – 4:30-5:30PM**

**Engr. Reynaldo P Ramos, PhD**

**DUE DATE: 02 FEBRUARY 2017**

***NOTE: This homework is NOT TO BE PASSED but it should be written in the notebook. It will be checked and graded.***

**INTRUCTIONS:**

1. **Visit the website of PAGASA: Philippine Atmospheric, Geophysical and Astronomical Services Administration, particularly this link:** [**http://www.pagasa.dost.gov.ph/#information**](http://www.pagasa.dost.gov.ph/#information)**.**
2. **Read the following topics as follows:**

* [**Tropical Cyclone Information**](http://www.pagasa.dost.gov.ph/index.php/tropical-cyclone-information) :

<http://www.pagasa.dost.gov.ph/index.php/learning-tools/94-weather/479-tropical-cyclones>

* [**Rainfall and thunderstorm Warning System**](http://www.pagasa.dost.gov.ph/index.php/20-weather/29-rainfall-warnings)

<http://www.pagasa.dost.gov.ph/index.php/20-weather/29-rainfall-warnings>

* [**Weather Terminologies**](http://www.pagasa.dost.gov.ph/index.php/20-weather/349-definition-description-of-weather-forecast-terminologies)

<http://www.pagasa.dost.gov.ph/index.php/20-weather/349-definition-description-of-weather-forecast-terminologies>

* [**Climate of the Philippines**](http://www.pagasa.dost.gov.ph/index.php/climate-of-the-philippines)

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1. **Answer the following questions:**
   1. **What is a tropical cyclone?**
   2. **What are the classification of tropical cyclone and how they are classified?**
   3. **What are the primary configurations of a tropical cyclone?**
   4. **How would you know that a tropical cyclone is coming? Or what the requirements for their occurrence?**
   5. **What are the effects of a tropical cyclone?**
   6. **What are the rainfall warnings and thunderstorm warnings?**