

**EASTERN UNIVERSITY, SRI LANKA**  
**FINAL YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE -2013/2014**  
**(September/October 2015)**

**AE 4101 – METEOROLOGY AND GEO-INFORMATICS (2:15/30/45)**

Answer all questions

Time: 1 hour

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- (a) What are the factors considered for the selection of site for a meteorological station?
  - (b) Give the layout of the typical meteorological station.
  - (c) Briefly discuss the importance and need of meteorological observations.
  - (d) Briefly describe about the clouds and their classification.
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- (a) Define the term 'Geo-informatics' and list its fields of studies.
  - (b) What is geo reference? And explain why it is important to GIS.
  - (c) Briefly describe the segments of GPS.