		Term : I	Academic Year : 2014-15
Semester	: I (New)	Title : Agricultural Meteorology	
Course No.	: II/AGROMET 111		Total Marks : 40
Credits	: 2(1+1)	Time : 10.00 to 12.00	
Day & Date	: Monday, 08.12.2014		

Note : 1. Solve ANY EIGHT questions from SECTION "A".
2. All questions from SECTION "B" are compulsory.
3. All questions carry equal marks.
4. Draw neat diagrams wherever necessary.

SECTION "A"

Q.1 Define the term Agricultural Meteorology and describe in detail the scope of Agricultural Meteorology.

Q.2 What do you mean by weather forecasting? Give its classification based on validity period. Write in brief about the importance of weather forecasting in agriculture.

Q.3 Define precipitation. Classify and describe in detail about each form of precipitation.

Q.4 Describe the physical structure of atmosphere based on vertical temperature variation.

Q.5 Define relative humidity and importance of humidity in agriculture.

Q.6 Define wind. Describe in detail the general circulation system of the earth.

Q.7 Define weather and climate and write difference between weather and climate.

Q.8 Define the term temperature and factors affecting the atmospheric temperature.

Q.9 Define the term drought and describe in detail its classification.

Q.10 Write short notes on (Any two).
1) Green house effect
2) Remote sensing
3) Hydrological cycle

SECTION "B"

Q.11 Define the following terms.
1) Radiation
2) Albedo
3) Isobar
4) Insolation

Q.12 Fill in the blanks.
1) The air at lower atmosphere contains _____ per cent of carbon dioxide on volume basis.
2) The direction towards which wind blows is called as _____.
3) Density of air decrease with _____.
4) The line on the map that joins the places of the equal temperature is known as _____.

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