

KERALA AGRICULTURAL UNIVERSITY

B.Sc.Hons (Forestry) 2015 Admission
Ist Semester Final Examination-March -2016

Cat. No: Tpbr. 1103

Title: Agrometeorology (1+1)

Marks: 50.00

Time: 2 hours

I Fill up the blanks

(10 x 1=10)

1. When temperature increases the pressure will _____
2. Wind velocity is measured by _____
3. The metal index is present in _____ thermometer
4. Relative humidity is expressed as _____
5. Synoptic meteorology refers to the study of _____
6. High humidity of the atmosphere _____ the evaporation
7. The atmosphere contains _____% of CO₂
8. _____ liquid is present in the maximum thermometer
9. Ozone is present in _____
10. The visible spectrum is _____

II Write short notes on any Five questions

(5 x 2=10)

1. Branches of meteorology
2. Anti cyclones
3. Ionosphere
4. Long wave radiation
5. Growing degree days
6. Evapotranspiration
7. Synoptic chart

III Write short essays any Five questions

(5 x 4=20)

1. Laws of radiation
2. Isothermal charts
3. Cloud classification
4. Crop weather calender
5. Agricultural seasons
6. Factors affecting temperature at place
7. Different types and forms of precipitation

IV Write essay on Any ONE

(1 x 10=10)

1. Write the importance and scope of meteorology. Discuss the concepts of weather and climate
2. Explain the role of remote sensing in agriculture. Write in detail about the Indian remote sensing programme.