

**CIVL 3066 Engineering Hydrology
Spring Semester 2006**

Quiz No. 2

Name:

ID #:

Total marks: 10
Attempt all the questions.

Time allowed: 30 minutes

1. Define *relative humidity*. [1]

Answer:

2. Formation of precipitation requires a four-step process. What are those four steps? [2]

Answer:

3. List the three main lifting mechanisms of air mass to cause precipitation. [1.5]

Answer:

4. State briefly the isohyetal method for calculation of average precipitation over an area. [2]

Answer:

5. In which condition the storage type of rain gage is used in the field? [1]

Answer:

6. Define the latent heat of vaporization. [1]

Answer:

7. List any three methods to measure actual evapotranspiration in the field. [1.5]

Answer: