

NAME: \_\_\_\_\_

value: 17 marks

**Meteorology Self-Study #1**  
**QUESTIONS**

- 1) Define precipitation and name 3 different types of precipitation (other than rain!). [4]
  
- 2) Describe how hail is formed. What type of cloud is hail usually associated with? [3]
  
- 3) Explain why snow pellets are sometimes referred to as “soft hail.” [1]
  
- 4) What must a VFR pilot do (2 options) if he encounters low visibility while flying and temporarily loses visual contact with the ground? [2]
  
- 5) Define slant range visibility. When (what phase of flight) is a pilot most concerned about his slant range visibility? [2]
  
- 6) What is an RVR? Would a VFR pilot rather have a RVR200 **or** RVR2400? [2]
  
- 7) List 2 restrictions to visibility that a pilot may encounter while flying. No explanation is required. [2]
  
- 8) Visibility is usually reported in \_\_\_\_\_ miles. [1]

**BONUS:** Define IMC conditions in terms of meteorology. Can a VFR pilot with an OTT rating fly overtop of IMC conditions while enroute to his destination? Explain. [+3]