

New NMR User Quiz

Please answer in legible handwriting no typed answers.

Name: _____ Date: _____

Username: _____ PI: _____

What precautions should you take before approaching an NMR magnet?

If you break a sample inside the magnet what should you do? Outside the magnet what should you do?

What are the names of the 2 computers from which you can obtain all of your NMR data in one location?

What computer will you log into for making NMR instrument reservations?

What Nuclei can you observe on the Inova 300 Spectrometer?

What Nuclei can you observe on the Inova 500 Spectrometer?

List 2 reasons why you use deuterated solvents.

Who can you contact if you have NMR questions, please list and include office room numbers. When can you ask questions?

If an instrument is not busy, and you don't have a reservation, and no one else has it reserved either, are you allowed to use it?

What nucleus do we normally use for "locking"? Why?

What are some signs that the communications between the host computer and the NMR console are bad? Describe how you would fix this?

What is the preferred method of saving your data, and what directory should data be stored in?

What NMR instrument would you like to be trained on next and why?

How can you check your disk usage of your home directory in linux?