**CSCI 4345**

**Study Question Set 1**

**Dr. Abraham**

**REMEMBER TO HANDWRITE YOUR ANSWERS.**

1.       Briefly explain each of the following:

Network Applications & Network programming

Data communications (low level details)

Packet switching and network technologies

2.       Briefly explain each of the following in relation to computer networking:

Network Applications & Network programming

Data communications (low level details)

Packet switching and network technologies

Internetworking with TCP/IP

Other concepts such as interoperability standards, protocol suites and layering models

3.       What is grid computing?

4.       Explain two major types of virtualization.  What software are available to do virtualization?  What are the advantages and disadvantages of each.