ECE 697J – Advanced Topics in Computer Networks

Quiz #4 – 11/19/02

Name:_____

Please answer the following questions BRIEFLY (1-2 sentences should be sufficient).

1.) What are the key characteristics and components of a network processor?

2.) Where can you find parallelism in networking workloads and how can it be exploited on a network processor?

3.) Why do workstation benchmarks not capture networking properties?

4.) What kind of co-processor could be useful for network processors?

5.) What technology trends directly impact network processor design?