

CS-482 Parallel And Distributed Computing Quiz 2

Name: _____ **Roll No.:** _____

Paper A

Question # 01: **Examine** array processors and their characteristic features, highlighting their role in parallel computing and data processing tasks. (CLO-01)

Question # 02: Can you **analyze** architectural classification schemes in computer architecture, detailing their significance and various categories? (CLO-02)

Paper B

Question # 01: **Examine** the principles of vector processing and how they underpin computational efficiency and performance enhancements? (CLO-01)

Question # 02: How do the principles of pipelining and vector processing contribute to enhancing the performance of modern processors? **Analyze** the key concepts and mechanisms involved. (CLO-02)

Paper C

Question # 01: **Examine** multi-processor architecture and discuss its both types? (CLO-01)

Question # 02: Can you examine the design considerations and efficiency of parallel algorithms? **Analyze** their advantages, challenges, and applications in solving complex computational problems. (CLO-02)