HPC Cache based microprocuror

Performer Performance & Birchmarks Pipelining Superscalarity & SIMD Pipelining Superscalarity & SIMD Memory Hicrarchy & Cache & Cache Mapping Multicural & Multithread & Prejetching. 8) Vector proceeing. Network Jecuity 1) Networking Denie & type of Attacks 2) Firewall: - ACL Pocket Filking, DMZ, Alerts 3) Audit brials, IDS & JPS. (JPS types) 4) Applications & Malicious Software Artificial Intelligence:-Introduction to AI Pooblen Solving with AI 3) AI Modele Data acquisation & learning aspects
4) Problem types, characteristics & Problem space & search Intelligent agent, Rationality & Rational agent Flexibility and intelligent agents 7) Types of agents

8) Constraint dasisfaction problem (CSP)

3) Crypto arithmetic puzzles

10) CSP as search problem CSP Backtracking & CSP Forward Checking
CSP Intelligent Backtracking

Compiler Duign Compiler Into & it Phases & it Cousins
Compiler Construction tools
Lexical Analysis
Input Buffering + Specification of tokens
First automated
NFA to DFA (Thompson Method)
RE to DFA (Direct method)
Design of lexical a alumin Design of Lexical analyses DBMS DBMS vs file System & Purpose of DBMS Vieum of Dala Dalabase System Architechuse Data Independence Exolution of Data Models Degreu of Data Abstraction Database you & DBA Database Longvages Quante:-1. HCF, LCM 2. Highest exponent 3. Trailing Zeros 4. Remainders 5. Unit Digite