KEY CONCEPTS :

1. Scalability
2. Latency vs Throughput
3. CAP Theorem
4. ACID Transactions
5. Rate Limiting
6. API Design
7. Strong vs Eventual Consistency
8. Distributed Tracing
9. Synchronous vs Asynchronous Communications
10. Batch Processing vs Stream Processing
11. Fault Tolerance

Here’s the markdown version of the links:

General Topics

1. Horizontal vs Vertical Scaling
2. Caching
3. Distributed Caching
4. Load Balancing
5. SQL vs NoSQL
6. Database Scaling
7. Data Replication
8. Data Redundancy
9. Database Sharding
10. Database Index's
11. Proxy Server
12. WebSocket
13. API Gateway
14. Message Queues

System Design Architectural Patterns

1. Event-Driven Architecture
2. Client-Server Architecture
3. Serverless Architecture
4. Microservices Architecture

Low-Level Design Problems

1. Design a Parking Lot
2. Design Splitwise
3. Design Chess Validator
4. Design a Distributed Queue | Kafka

5. Design Tic-Tac-Toe