

Aldel Education Trust
St. John College of Engineering & Management, Palghar
Department of Computer Engineering
Question Bank for Distributed System [8th semester]

Q.No	Question	Blooms Taxonomy Level
Q1.	Define Distributed System.	Remember
Q2.	Define issues and goals of distributed system.	Remember
Q3.	Write short notes on different types of distributed system.	Understand
Q4.	Write short notes on different types of distributed system models.	Understand
Q5.	Define hardware and software concept.	Understand
Q6.	Define middleware.	Remember
Q7.	Write the service offered by middleware.	Understand
Q8.	Write a short note on client server model.	Remember
Q9.	Write a short note interprocess communication (IPC).	Remember
Q10.	Write a short note on Remote Procedure Call (RPC).	Remember
Q11.	Explain in detail Remote object invocation.	Remember
Q12.	Discuss in detail about the Remote method Invocation(RMI)	Understand
Q13.	Discuss in detail about the Message oriented Communication.	Understand
Q14.	Discuss in detail about the Group Communication.	Remember
Q15.	Discuss in detail about the Clock synchronization.	Understand
Q16.	Explain in detail Logical Clock with example.	Remember
Q17.	Explain in detail election algorithm with example.	Understand
Q18.	Explain in detail of mutual exclusion.	Understand
Q19.	Give the detailed information about mutual exclusion algorithm with classification.	Understand
Q20.	Give the requirements of mutual exclusion	Remember
Q21.	List the different type of performance measure.	Remember
Q22.	Define Non-Token based algorithm.	Remember
Q23.	List the different type of Non-Token based algorithm.	Understand
Q24.	List the different type of Token based algorithm.	Remember

Q25.	Explain Lamport Algorithm with example.	Remember
Q26.	Explain Ricart-Agrawala's Algorithm with example.	Remember
Q27.	Explain Maekawa's Algorithm with example.	Understand
Q28.	Define broadcast algorithm.	Understand
Q29.	Write a short on Suzuki-Kasami's broadcast algorithm.	Remember
Q30.	Give a short note on Singhal's Heuristic Algorithm.	Remember
Q31.	Explain the necessity of Raymond's Tree based Algorithm with example.	Understand
Q32.	Give a short note on Comparative Performance Analysis of all algorithms.	Understand
Q33.	Define resource and process management.	Understand
Q34.	Define desirable features of global scheduling algorithm.	Understand
Q35.	Define task assignment.	Understand
Q36.	Explain task assignment approach.	Understand
Q37.	Explain Load balancing approach.	Understand
Q38.	Explain load sharing approach.	Understand
Q39.	Explain the process migration.	Remember
Q40.	Define threads.	Understand
Q41.	Explain Virtualization in details.	Understand
Q42.	Define client.	Remember
Q43.	Write a short on Servers.	Understand
Q44.	Write a short on Code Migration.	Understand
Q45.	Define consistency of distributed system.	Understand
Q46.	Write a short note Replication.	Understand
Q47.	Define fault tolerance of distributed system.	Understand
Q48.	List the different type of consistency model.	Remember
Q49.	Define data centric model.	Remember
Q50.	Write a short on Replica management.	Understand
Q51.	What is the process resilience.	Remember
Q52.	Write a short note on Reliable client-server and group communication.	Understand

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Q53.	Explain recovery in distributed system.	Remember
Q54.	Write short notes on Distributed File system.	Remember
Q55.	List out features of Distributed File System.	Understand
Q56.	Define File accessing models.	Understand
Q57.	Explain briefly the File-Caching Schemes.	Understand
Q58.	Explain file replication.	Understand
Q59.	Write case study on Distributed File System.	Understand
Q60.	Write case study on Network File System.	Remember
Q61.	Write case study on Andrew File System.	Understand
Q62.	Give a brief note on Name services.	Remember
Q63.	Explain Domain name system.	Remember
Q64.	Explain Directory services.	Remember
Q65.	Write case study on The global name service.	Remember
Q66.	Write case study on The X.500 Directory service.	Understand
Q67.	Give a brief note on Google case study.	Remember

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