

CS405 Operating Systems – Unit 5 Important Questions

Very High Probability

1. Explain Distributed Operating System.
2. Compare Distributed OS and Network OS.
3. Explain Architecture of Distributed Operating System.
4. Explain Design Issues in Distributed System.
5. Explain Multiprocessor Operating System.
6. Explain Linux Operating System Architecture.

High Probability

7. Explain Process Migration.
8. Explain Transparency in Distributed System.
9. Explain Distributed System Failures.
10. Explain RPC (Remote Procedure Call).

Expected Short Notes

11. UNIX Features
 12. Linux File System
 13. Windows File System
 14. Network Operating System
 15. Contemporary Operating Systems
-

Unit 5 Priority Order

Tier-1 (Must Prepare)

- ✓ Distributed Operating System
- ✓ Network Operating System
- ✓ Multiprocessor Operating System
- ✓ Linux Operating System

Tier-2

- ✓ Process Migration
- ✓ Design Issues in Distributed System
- ✓ Transparency
- ✓ RPC

Tier-3

- ✓ UNIX Features
- ✓ Windows File System
- ✓ Distributed System Failures
- ✓ Contemporary Operating Systems

Final Unit-5 Most Important Questions for Website

1. Explain Distributed Operating System with advantages.
2. Compare Distributed OS and Network OS.
3. Explain Architecture of Distributed OS.
4. Explain Design Issues in Distributed System.
5. Explain Multiprocessor Operating System.
6. Explain Process Migration.
7. Explain RPC.
8. Explain Linux File System Architecture.
9. Compare Linux and Windows Operating System.
10. Explain Transparency in Distributed Systems.

These are the Unit-5 questions extracted and mapped from the uploaded CS405 PYQs (June 2022 → June 2025).