

Important Questions - UNIT -02 CS 405

OPERATING SYSTEM

Very High Probability

1. Explain Contiguous, Linked and Indexed Allocation Methods.
2. Compare SCAN and LOOK Disk Scheduling.
3. Solve Disk Scheduling Numerical (SCAN/LOOK/SSTF).
4. What is a File? Explain File Attributes and Operations.

High Probability

5. Explain Directory Structures.
6. Explain File Protection with Example.
7. Explain Disk Structure and Disk Organization.
8. Explain Magnetic Tape Organization.

Expected Short Notes

9. Sequential File Access
10. Random File Access
11. File Allocation Methods
12. Linux File System
13. Windows File System
14. Free Space Management

Unit 2 Exam Priority Order

1. **Disk Scheduling Algorithms** ★★★★★
2. **File Allocation Methods** ★★★★★
3. **File Concept + Attributes + Operations** ★★★★★
4. **Directory Structures** ★★★★★

5. **File Protection** ★★

6. **Disk Organization** ★★

7. **Tape Organization** ★★

These are the exact questions mapped from the uploaded 2022–2025 PYQs to your Unit 2 syllabus.