

Technical Index

The Technical module is MCQ-heavy and usually textbook-level. You need fast definitions, differences, and standard applications.

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- [[Data_Structures]]
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30-minute strategy

Topic	Expected style	Prep depth
Data Structures	definitions, complexity, applications	High
OS	process, memory, scheduling, deadlock	High
DAA	complexity, sorting/searching, paradigms	High
Networking	OSI, TCP/UDP, ports, protocols	Medium
Embedded	microcontroller basics, interrupts, protocols	Medium
SDLC + QA	definitions, testing types, tools	Medium

What to memorize

- Full forms: OSI, TCP, UDP, DNS, HTTP, HTTPS, DBMS, SDLC, QA, RTOS, ISR.
- Standard complexities.
- Differences: process/thread, stack/queue, TCP/UDP, black-box/white-box, verification/validation.
- Testing levels and common tools.

MCQ elimination rule

When options are close:

1. Identify the keyword in the question.
2. Convert options into definitions.
3. Remove options that are true but irrelevant.

4. Prefer the standard textbook definition.