

Research Notes and Source Links

This vault is built from the syllabus you provided plus public CoCubes/Aon/Capgemini-style preparation sources checked on 2026-07-29.

Important source-quality note

Exact CoCubes/Aon question banks are proprietary and randomized. Public websites may call material “previous year questions,” but many are sample/reconstructed questions. This vault labels those as PYQ-style or publicly repeated patterns.

Sources

Official / primary sources

- CoCubes student offering: <https://www.cocubes.com/student-offering.aspx>
- Confirms Engineering modules: Aptitude, Computer Fundamentals, Programming, Technical Domains, Personality, Written English.
- Mentions score, percentile, and sectional skill criteria.
- CoCubes corporate offering: <https://www.cocubes.com/company-offering.aspx?src=institute>
- Confirms competency mapping: quantitative reasoning, analytical reasoning, English usage, flowcharting/visual algorithms, technical/domain tests.
- Lists broad Computer domain topics: Computer Architecture, Digital Logic, Data Structures, OOPS, OS, Data Communication, Microprocessor/ALP, Systems Programming, Networks, DBMS, DAA.
- Aon online assessment preparation: <https://www.aon.com/en/capabilities/talent-and-rewards/prepare-for-your-online-assessment>
- Confirms practice task families including numerical, verbal, inductive reasoning, deductive reasoning, digitChallenge, switchChallenge, gapChallenge, and other assessment formats.

Current prep-pattern sources

- FacePrep CoCubes aptitude guide: <https://faceprep.in/article/cocubes-aptitude-questions-for-cocubes-aptitude-test-numerical-reasoning/>
- Useful for high-frequency quant clusters: number systems, averages, time-work-speed, profit-loss, mixtures/alligation, DI.
- FacePrep CoCubes coding questions: <https://faceprep.in/article/cocubes-coding-questions-with-answers-for-cocubes-coding-test/>
- Useful for repeated coding templates: arrays, searching, number logic, strings.

- FacePrep CoCubes programming/CS guide: <https://faceprep.in/article/cocubes-programming-questions-2018-cocubes-computer-science-questions/>
- Useful for CS MCQ priority: DS/C programming high priority, OOP/DBMS medium, algorithms/OS moderate, networks/architecture lower.
- MockStep Capgemini guide: <https://mockstep.com/companies/capgemini/>
- Useful for CoCubes/internal-platform style current campus assessment patterns: technical + pseudocode, coding, gamified aptitude.

Preparation interpretation used in this vault

Your uploaded syllabus has:

- Aptitude: Quant, English, Reasoning
- Technical: DS, OS, Embedded Systems, DAA, Networking, SDLC, QA/testing
- Pseudocode: language-independent algorithm tracing
- Coding: programming
- Gamified: planning, memory, deduction, numeracy

So this vault prioritizes:

1. Traceable logic and coding templates
2. Technical one-liners and conceptual traps
3. Formula-driven aptitude
4. Game familiarity drills