

List of suggested topics for the examination are given. These are some of the topics you should definitely focus on.

Programming:

Functions and assessment questions on functions

Object Oriented Programming and assessment questions on OOP

Data Structures covered

Networking:

Basics of networks

Networking Layers,

Client Server Model,

Network Programming

Cryptography:

Cryptographic Techniques (Encryption, decryption, signatures, certificate, hashing, etc.)

Proofs

Cryptography Research papers

Random Numbers etc.

Key generation mechanisms

Blockchain Core:

Bitcoin Overall,

Consensus Mechanisms,

IPFS

Smart Contracts etc.,

Ethereum:

Smart contract,

Web3 library,

contract security and auditing theory,

wallets,

tokens,

transaction etc.

There will be very little to no questions from the last bonus module from business blockchain part.