BTA CBDE

BTA Ethereum Blockchain Developer Certification Questions & Answers

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CBDE

Certified Blockchain Developer - Ethereum (CBDE)

70 Questions Exam – 70% Cut Score – Duration of 90 minutes

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Discover More about the BTA CBDE Certification

Are you interested in passing the BTA CBDE exam? First discover, who benefits from the CBDE certification. The CBDE is suitable for a candidate if he wants to learn about Ethereum. Passing the CBDE exam earns you the Certified Blockchain Developer - Ethereum (CBDE) title.

While preparing for the CBDE exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The CBDE PDF contains some of the most valuable preparation tips and the details and instant access to useful **CBDE study materials just at one click.**

BTA CBDE Ethereum Blockchain Developer Certification Details:

Exam Name	Certified Blockchain Developer - Ethereum (CBDE)
Exam Code	CBDE
Exam Price	$275 (USD)
Duration	90 mins
Number of Questions	70
Passing Score	70%
Books / Training	**Certified Blockchain Developer - Ethereum (CBDE)**
Schedule Exam	**BTA**
Sample Questions	**BTA CBDE Sample Questions**
Practice Exam	**BTA CBDE Certification Practice Exam**

BTA CBDE Syllabus:

Topic
Plan and prepare production ready applications for the Ethereum blockchain
Write, test, and deploy secure Solidity smart contracts
Understand and work with Ethereum fees
Work within the bounds and limitations of the Ethereum blockchain
Use the essential tooling and systems needed to work with the Ethereum ecosystem

Broaden Your Knowledge with BTA CBDE Sample Questions:

Question: 1

The difference between address.send() and address.transfer() is:

a) send returns a Boolean and .transfer throws an exception on error. Both just forward the gasstipend of 2300 gas and are considered safe against re-entrancy.
b) send throws an exception and .transfer returns a Boolean on error. Both just forward the gasstipend of 2300 gas and considered safe against re-entrancy
c) send returns a Boolean and .transfer throws an exception on error. .send is considered dangerous, because it sends all gas along, while .transfer only sends the gas stipend of 2300 gas along
d) send and .transfer are both considered low-level functions which are dangerous, because they send all gas along. It's better to use address.call.value()() to control the gas-amount

Answer: a

Question: 2

To generate a random number:

a) it's good to use the block timestamp, as this is always different.
b) it's good to use the block hash as this is clearly always very different.
c) it's not possible to have a random number in a deterministic environment such as the Ethereum blockchain.
d) it's good to use the RANDAO smart contract.

Answer: d

Question: 3

All low-level functions on the address, so address.send(), address.call.valueQQ, address.callcode and address.delegatecall:

a) are interrupting execution on error, because they throw an exception
b) continuing execution on error silently, which is the reason why they are so dangerous.
c) returning Booleans to indicate an error during execution
d) send() throws an exception, while the other functions are returning Booleans during execution to indicate an error

Answer: c

Question: 4

If contract MyContractA is derived from Contract MyContractB, then this would be the right syntax:

a) contract MyContractA inherit (MyContractB) {…}
b) contract MyContractA is MyContractB { … }
c) contract MyContractA extends MyContractB {…}
d) contract MyContractB derives MyContractA {…}

Answer: b

Question: 5

You interact with a smart contract and see a gas usage of 50,000 gas with a gas cost of 15Gwei. How much Ether would you have to pay to the miner?

a) 750,000,000,000,000 Wei
b) 750,000,000,000 Wei
c) 750,000,000 Wei
d) A flat fee of 1 Ether

Answer: a

Question: 6

The JSON-RPC Protocol:

a) is used to communicate between blockchain nodes.
b) is used to ensure safe communication between miners
c) is a mean of dumping the blockchain data in a so-called consensus export.
d) is used to communicate between the blockchain node and externally running applications.

Answer: d

Question: 7

It's easy to write clean-room unit-tests with truffle:

a) for Java, JavaScript, and C++
b) for JavaScript using Web3.js
c) for Solidity and JavaScript
d) for any language, as long as it adheres to the open Testing-Interface from Truffle

Answer: c

Question: 8

What's the correct scientific notation?

a) 1 Ether = 10^18 wei, 10^6 Gwei, 10^6 Finney
b) 1 Ether = 10^19 wei, 10^13 Gwei, 10^3 Finney
c) 1 Ether = 10^16 wei, 10^13 Gwei, 10^3 Finney
d) 1 Ether = 10^18 wei, 10^9 Gwei, 10^3 Finney

Answer: d

Question: 9

Address.call.value():

a) sends the gas stipend of 2300 gas and returns a false on error.
b) sends all the gas along and cascades exceptions.
c) sends all the gas along and returns a false on error
d) sends the gas stipend of 2300 gas and cascades exceptions

Answer: c

Question: 10

Variables of the type address store:

a) a 20 bytes value
b) a 32 bytes value
c) a string
d) a 20 characters long hex number

Answer: a

Avail the Study Guide to Pass BTA CBDE Ethereum Blockchain Developer Exam:

- Find out about the CBDE syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **BTA CBDE syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the **Ethereum Blockchain Developer training.** Joining the BTA provided training for this BTA certification exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **BTA CBDE sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. CBDE practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the BTA CBDE exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the BTA CBDE Certification

CertFun.Com is here with all the necessary details regarding the CBDE exam. We provide authentic practice tests for the CBDE exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on CertFun.Com for rigorous, unlimited two-month attempts on the **CBDE practice tests**, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Certified Blockchain Developer - Ethereum (CBDE).

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