

# FACTSHEET FOR CBX® & CDAA® LEVEL 1



Preparation and exam tips, curriculum topics and sample questions.

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University College London is #8 in the QS World Ranking



Top 3 Business School & no.1 for Blockchain in Germany



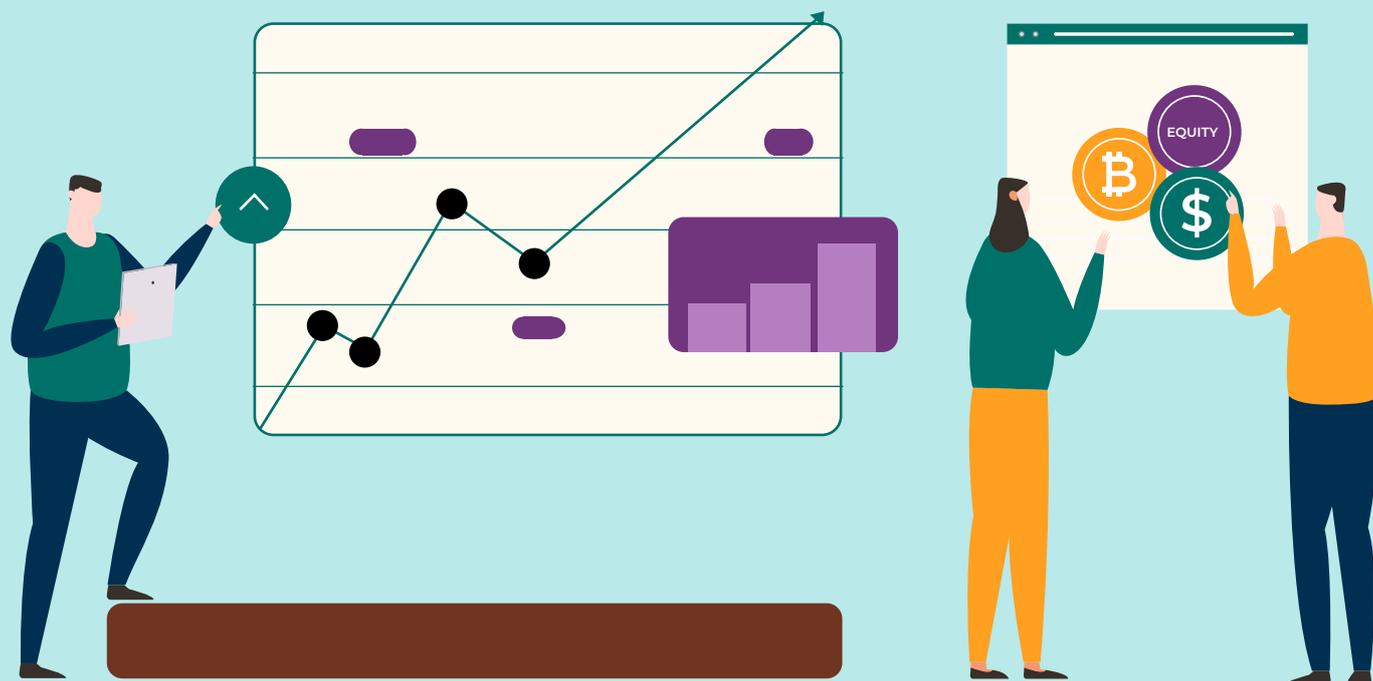
One of UK's leading departments in Economics focusing on digital assets



India's leading public institution on Blockchain research and innovation



Switzerland's oldest and best in class CAS Blockchain



## Factsheet

### CBX® Level 1 & CDAA® Level 1

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#### Message from the DEC Institute

*Well done on taking the first step towards becoming a DEC certified professional. Participating in lifelong learning demonstrates a commitment to professional excellence. The DEC Institute has created an ecosystem of institutions and leading industry players to help guide your personal development as you become a practitioner in the blockchain and digital assets industry. Stay competitive in this fast-paced environment with our collection of professional learning courses and certifications.*

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## 1. Acknowledgement of Exam Syllabus & Parameters

Before attempting the DEC Institute's exam,

1. I confirm that I have read the syllabus (available after registration), know the exam's scope, and have prepared by studying the topics or learning this knowledge through practical experience.
2. I understand that this exam consists of 75 questions to be completed in 60 minutes.
3. I acknowledge that each of the questions has three options, and only one of them is correct.
4. I understand that for each question, I should pick the option that is the best option (that is most accurate or correct) as some options may be partially correct.
5. I acknowledge that some questions make use of generally well-known abbreviations used in the blockchain industry and that as part of my preparation or work experience, I am expected to be familiar with these.
6. I understand that some questions may be made more complex through the way they are written and worded, and I should endeavour to read all the questions and options in detail not to make easy mistakes.
7. I understand that a good pace for answering exam questions is to spend approximately slightly less than one minute per question.

## 2. Exam Overview

The DEC Institute currently offers two types of exam, the CBX Level 1 and CDAA Level 1. A summary of relevant information on these examinations is in the table below.

	<b>CBX® Level 1</b>	<b>CDAA® Level 1</b>
Question Format	Multiple-Choice	Multiple-Choice
Exam Duration	60 Minutes	60 Minutes
Number of Questions	75	75
Exam Results Availability	Emailed within 1 hour of finishing the exam online	Emailed within 1 hour of finishing the exam online
Pass level	75%	75%
Test attempts per order	2	2

## 3. Familiarising Yourself with the DEC Exam Topics

The DEC Institutes exam's curriculum focuses on a wide range of knowledge related to three topic areas of Technology, Business / Economics and Legal / Regulatory. The exams cover these topic areas with the following approximate weights:

	<b>CBX® Level 1</b>	<b>CDAA® Level 1</b>
Technology	45%	30%
Business / Economics	35%	35%
Legal / Regulatory	20%	35%

#### 4. Curriculum Topics across CBX® and CDAA®

**Technology:** In this section, we explore how blockchain and Distributed Ledger Technology operate at a fundamental level. This includes understanding blockchain architecture, consensus mechanisms, cryptography, major blockchain solutions, different types of tokens, DApps and other topics. There is also some testing of technical knowledge of blockchain script and smart contract code.

**Business / Economics:** This section explores a more practical application of how blockchain and Distributed Ledger Technology is applied within our world. We cover stakeholders in the blockchain ecosystem, how blockchain relates to the Internet, enterprise blockchain solutions, tokenomics, blockchain applications across different industries and the topics of innovation and disruption as applied to blockchain.

**Legal / Regulatory:** In this section, we focus more in-depth on the legal and regulatory treatment of blockchain on a principles-based approach and more specific treatment of it in various major jurisdictions across the world. We cover different blockchain applications' legal status in multiple jurisdictions (Americas, Europe, Asia), why blockchain is challenging to regulate and how it fits in with current regulatory regimes.

For greater detail, see all the topics tested in the specific examination information on our website, or by studying the complete syllabus provided after the registration.

#### 5. Keeping the Curriculum Relevant and Rigorous

The DEC Institute has consulted both its Academic members and its Industry Partners to create the examinations. This is to make sure that the foundation knowledge necessary to be a practitioner in the blockchain industry and the latest topics relevant to the industry today are covered. For more information on the various academic and industry members of the DEC Institute, please have a look at our website.

## 6. Understanding the Multiple-Choice Exam Question Format

Each multiple-choice item on the DEC Institute's Level 1 exams consists of a question or a statement and three answer choices.

It is expected that you spend between 30 and 120 seconds per question on the exam. Some questions may require more time, and some less.

Two formats are used, which are:

1. Questions with three unique choices
2. Sentence completion with three unique choices

These two formats are divided between longer and shorter questions concerning the length of the question. Example questions are in Appendix.

## 7. Exam Tips

1. Make sure you have gone through the syllabus and are familiar with the topics you will be tested on.
2. Read each question and each of the options carefully. Some questions are designed to be more complicated based on how they are written – be particularly careful when picking your answers for these.
3. You have 60 minutes to complete the exam – make use of your time! If you finish the exam with time to spare, make sure that you go back and check your answers.
4. Make use of the question flagging system to go back and check any questions that you were not entirely sure about.
5. Always pick the most accurate option as some options may be partially correct, but only one option is entirely correct.

## 8. How To Prepare

The DEC Institute is currently offering preparation materials that consist of resources on each of the high-level topics of the exam. These resources are academic papers, blog posts, industry reports, news pieces and videos that cover many elements of the knowledge tested. In addition to this, we also recommend various courses offered by our academic members and those created by our Industry members that usually go into depth on their technologies. Some of the recommended courses are:

Course provider	Course	Reference	Focus
Lucerne University for Applied Sciences and Arts – Information Technology	Certificate of Advanced Studies (CAS) – Blockchain (German)	<a href="https://www.hslu.ch/de-ch/informatik/weiterbildung/digital-value-creation/cas-blockchain/">https://www.hslu.ch/de-ch/informatik/weiterbildung/digital-value-creation/cas-blockchain/</a>	CBX®
Lucerne University for Applied Sciences and Arts – Information Technology	Certificate of Advanced Studies (CAS) – Crypto Finance & Cryptocurrencies (German)	<a href="https://www.hslu.ch/de-ch/wirtschaft/weiterbildung/cas/ifz/crypto-finance-and-cryptocurrencies/">https://www.hslu.ch/de-ch/wirtschaft/weiterbildung/cas/ifz/crypto-finance-and-cryptocurrencies/</a>	CDAA®
Frankfurt School of Finance & Management – Blockchain Center	Certified Blockchain Expert(English)	<a href="https://execed.frankfurt-school.de/en/home/individuals/it-digitalisation/certified-blockchain-expert">https://execed.frankfurt-school.de/en/home/individuals/it-digitalisation/certified-blockchain-expert</a>	CBX®
Frankfurt School of Finance & Management – Blockchain Center	Blockchain Masterclass (German)	<a href="https://www.frankfurt-school.de/home/research/centres/blockchain">https://www.frankfurt-school.de/home/research/centres/blockchain</a>	CBX® CDAA®
Frankfurt School of Finance & Management – Blockchain Center	Digital Assets: Seminarreihe zu Blockchain und Digitalisierung für Führungskräfte (German)	<a href="https://www.ifb-group.com/veranstaltungen/details/detail/News/digital-assets-seminarreihe-zu-blockchain-und-digitalisierung-fuer-fuehrungskraefte/">https://www.ifb-group.com/veranstaltungen/details/detail/News/digital-assets-seminarreihe-zu-blockchain-und-digitalisierung-fuer-fuehrungskraefte/</a>	CDAA®
University College London – Centre for Blockchain Technology	Introduction to Blockchain and Distributed Ledger Technology (English)	<a href="https://www.futurelearn.com/courses/demystifying-blockchain">https://www.futurelearn.com/courses/demystifying-blockchain</a>	CBX® CDAA®
International Institute of Information Technology - Hyderabad	Advanced Certification Program in Blockchain and DLT (English)	<a href="https://iiit-h.talentsprint.com/blockchain/index.html">https://iiit-h.talentsprint.com/blockchain/index.html</a>	CBX®

## 9. Misconduct & Anti-Cheating Declaration

Engaging in any form of misconduct whilst attempting this exam may lead to the voiding of your exam results and termination of your ability to take DEC Institute exams in the future.

Exam misconduct is considered any conduct or activity that compromises or attempts to compromise the integrity, reputation, security or validity of the DEC Institute's exams. This includes conduct that occurs during registration and after that in the period before, during and after taking the DEC Institute's exams.

### **Misconduct includes, but is not limited to:**

1. Giving or receiving assistance from others when completing the exams.
2. Taking screenshots, photos or notes on the exam questions and answers when completing the exams.
3. Sharing any details on the questions and answers of the exams with others.
4. Taking part in the act of impersonation or other forms of cheatings.
5. Utilising unauthorised DEC Institute exam questions, with or without answers, when you are in the process of preparing for or completing the exam.
6. Sharing or requesting others to share with DEC Institute exam content in any form
7. Using any form of mobile phone, camera, headset, tablets, computers, wearable devices, photographic devices or other devices that seek to give an advantage or to copy materials from the exam (except for the device on which you are taking the exam under exam conditions).
8. Utilising unauthorised DEC Insistute materials that you know or have a reasonable basis violate the DEC Institutes copyright.
9. Copying, distributing, reselling or misusing any DEC Institute exam offer codes or discounts.
10. Misrepresenting information at registration.
11. Any other conduct that could be considered by the DEC Institute (at its sole discretion) to compromise the integrity, validity, reputation or security of the DEC Institute's exams or the DEC Institute.

## 10. Example Questions

### Example 1: Question (Short length)

Which of the following Ethereum token types supports non-fungible tokens?

- A. ERC20
- B. ERC721
- C. ERC221

### Example 2: Question (Long length)

Within the blockchain ecosystem, there are two types of exchanges: centralised exchanges and decentralised exchanges. Which one of the following statements correctly describes the differences between a centralised exchange and a decentralised exchange?

- A. The necessity to compete in an industry where there are strong cooperations
- B. The necessity for cooperation to occur in an industry where there is intense competition
- C. The fact that blockchain solutions can only be successfully implanted in industries if consortia are used

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### DEC Institute

Suurstoffi 1, 6343 Rotkreuz, Switzerland

[www.decinstitute.org](http://www.decinstitute.org)

[info@decinstitute.org](mailto:info@decinstitute.org)

[www.linkedin.com/company/dec-institute](http://www.linkedin.com/company/dec-institute)