ISTQB CT-AI

ISTQB AI TESTING CERTIFICATION QUESTIONS & ANSWERS

Details of the Exam-Syllabus-Questions

CT-AI

ISTQB Certified Tester AI Testing (CT-AI)

40 Questions Exam – 31/47 Cut Score – Duration of 60 minutes

www.ProcessExam.com

Table of Contents

Get an Overview of the CT-AI Certification:

Who should take the **CT-AI exam**? This is the first question that comes to a candidate's mind when preparing for the Artificial Intelligence Tester certification. The CT-AI certification is suitable for candidates who are keen to earn knowledge on the Specialist and grab their ISTQB Certified Tester AI Testing (CT-AI). When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But CT-AI study guide PDF is here to solve the problem. CT-AI PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the ISTQB CT-AI Certification?

There are several reasons why one should grab the CT-AI certification.

- The Artificial Intelligence Tester certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the **ISTQB Certified Tester AI Testing (CT-AI)** is a powerful qualification for a prosperous career.

What Is the ISTQB CT-AI Artificial Intelligence Tester Certification Exam Structure?

Exam Name	ISTQB Certified Tester AI Testing
Exam Code	CT-AI
Exam Fee	USD $199
Exam Duration	60 Minutes
Number of Questions	40
Passing Score	31/47
Format	Multiple Choice Questions
Schedule Exam	**Pearson VUE**
Sample Questions	**ISTQB Artificial Intelligence Tester Exam Sample Questions and Answers**
Practice Exam	**ISTQB Certified Tester AI Testing (CT-AI) Practice Test**

Enhance Knowledge with CT-AI Sample Questions:

Question: 1

When performing testing of a trained model, an ML engineer found that the model was highly accurate when evaluated with validation data but that it performed poorly with independent test data.

Which of the following options is MOST likely to cause this situation?

a) Underfitting
b) Concept drift
c) Overfitting
d) Poor acceptance criteria

Answer: c

Question: 2

The data scientist has complained that the model cannot be trained with one particular algorithm, although other algorithms work with the same training data.

Which of the following options is the MOST likely reason for this?

a) Wrong data
b) Missing data
c) Insufficient data
d) Badly labelled data

Answer: c

Question: 3

Why would the accuracy of human decisions be considered in testing as well as the accuracy of AI-based systems?

a) Intuitive human decisions can be made faster than a corresponding AI-based system in some situations
b) Unethical decisions can be made by humans as well as AI-based systems
c) The accuracy of human decisions is not relevant to testing AI-based systems
d) Human decisions may be of lower quality when they have been recommended by an AI- based system

Answer: d

Question: 4

Which of the following characteristics of an example AI-based system might cause a test oracle problem?

   a) The output of the system is a prediction for which the ground truth is unknown
   b) It is not known where the training data was obtained
   c) The system runs with no human intervention and is considered to be autonomous
   d) There is a lack of transparency into how the system was implemented

Answer: b

Question: 5

Which of the following statements is CORRECT with respect to visual testing?

   a) Visual testing makes use of object IDs to determine changes
   b) Visual testing uses images to do pixel-by-pixel comparisons
   c) Visual testing helps find overlapping user interface elements
   d) Visual testing fails when the screen layout changes

Answer: a

Question: 6

A test manager decides to have a non-AI system with similar functionality to the AI based system under test (SUT) built to support system testing.

Which of the following statements is most likely to be CORRECT?

   a) The test manager has chosen back-to-back testing because it helps solve the test oracle problem by using a pseudo-oracle
   b) The test manager has chosen A/B testing because it helps solve the test oracle problem by using a pseudo-oracle
   c) The test manager has chosen back-to-back testing because the non-functional requirements of the SUT can be verified against the pseudo-oracle
   d) The test manager has chosen A/B testing because the non-functional requirements of the SUT can be verified against the pseudo-oracle

Answer: a

Question: 7

An ML engineer is trying to find exploitable inputs and then use these inputs to retrain the models to make them immune to these inputs.

Which of the following options BEST describes the approach being used by the ML engineer?

- a) Validation
- b) Adversarial testing
- c) Data pipeline testing
- d) Scalability testing

Answer: b

Question: 8

DataSure is a start-up with a product that promises to improve the quality of ML models. DataSure claim that this improvement comes from checking if the data has been labeled correctly.

Which of the following defects is MOST likely to have been prevented by using this product?

- a) The model will have security vulnerabilities
- b) The model will not fulfill its intended function
- c) The model will have poor accuracy
- d) The model will produce biased outputs

Answer: c

Question: 9

In which of the following situations would AI be MOST useful when categorizing new defects?

- a) A large number of defects is reported on a small application
- b) A small number of defects requires categorization on a new application
- c) Minimal data is provided in typical defect reports
- d) A new development team needs to know the most appropriate developer to fix a defect

Answer: a

Question: 10

System testing of an AI-based system is being planned. It has been suggested that exploratory testing is used in addition to scripted test techniques.

Which of the following scenarios is MOST likely to be an example of exploratory testing being performed?

a) Training data is visualized using tools to look at various aspects of the data
b) Tests written using equivalence partitioning during the previous test cycle are being run
c) The Google 'ML test checklist' is being used
d) ML functional performance metrics are being calculated

Answer: a

What Study Guide Works Best in Acing the ISTQB CT-AI Artificial Intelligence Tester Certification?

The CT-AI study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the Artificial Intelligence Tester exam, getting in full touch of the **syllabus** is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

Do not forget to join the ISTQB CT-AI training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a **PDF format** or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and Utilize the ISTQB CT-AI Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, CT-AI practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven CT-AI Practice Test for Success!!!

Do you want to pass the CT-AI exam on your first attempt? Stop worrying; we, ProcessExam.com are here to provide you the best experience during your ISTQB Certified Tester AI Testing preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium **CT-AI practice tests**. Our expert-designed questions help you to improve performance and pass the exam on your first attempt.