OMG Standards Development Organization

UML 2 FOUNDATION EXAM

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Accommodations

For learning or physical disability exam accommodations, please contact certification@omg.org.

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Duration

120 mins in native English-speaking countries. 150 mins in all others.
Note: Extra time confirmed via email following exam order completion.

Fee

US$350 + taxes
(regional currency equivalent and taxes)

Format

Multiple choice
(text and images)

Languages

English & Japanese. Use of translation apps during the exam is prohibited.

Passing Score

>=60/90 correct answers
or >=67% correct answers

Prerequisites

None

Technical Issues

Contact Pearson VUE Customer Service. Make sure to perform a System Test on your computer before scheduling an online exam.

Validity

Certifications expire 3 years after exam date. Take the same or higher level exam to extend certification validity.

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STANDARD AREAS COVERED

- Unified Modeling Language (UML) v.2.5.1: Chapter 7.8 (Comment, Constraint, Dependency, MultiplicityElement, Namespace, PackageImport, Type, VisibilityKind [public, private, and protected]), Chapter 8.6 (LiteralBoolean, LiteralInteger, LiteralNull, LiteralReal, LiteralString, LiteralUnlimitedNatural, and OpaqueExpression), Chapter 9.9 (AggregationKind [Composition and Aggregation], Behavioral Feature, Feature, Generalization, InstanceSpecification, Operation, Parameter, Property, Slot, StructuralFeature), Chapter 10.5 (DataType, Enumeration, EnumerationLiteral, Interface, InterfaceRealization, PrimitiveType, Reception, and Signal), Chapter 11.8 (Association and Class), Chapter 12.4 (Package and PackageMerge), Chapter 13.4 (CallEvent, OpaqueBehavior, Signal Event, and Trigger), Chapter 14.5 (FinalState, Pseudostate [choice, junction, and initial], State, StateMachine, and Transition), Chapter 15.7 (Activity, ActivityFinalNode, ActivityParameterNode, ControlFlow, DecisionNode, FlowFinalNode, ForkNode, InitialNode, JoinNode, MergeNode, ObjectFlow, and ObjectNode), Chapter 16.14 (AcceptEventAction, Action, CallBehaviorAction, CallOperationAction, InputPin, OpaqueAction, OutputPin, Pin, and SendSignalAction), Chapter 17.12 (DestructionOccurenceSpecification, ExecutionOccurenceSpecification, ExecutionSpecification, Interaction, Lifeline, Message, MessageEnd, MessageOcurrenceSpecification, MessageSort, and OccurrenceSpecification), and Chapter 18.2 (Actor, Extend, Include, and UseCase).

RECOMMENDED STUDY MATERIALS

- **OCUP 2 Certification Guide: Preparing for the OMG Certified UML 2.5 Professional 2 Foundation Exam (Chonoles) *Includes practice questions by the exam designer.**
- **UML 2.0 in a Nutshell (Pitman)**
- **UML 2 for Dummies (Schardt)**
- The Value of Modeling (IBM Software Group)
- Why Model? (Epstein)
- Business Modeling: A Practical Guide to Realizing Business Value-Excerpt from Chapter 7: Model Value Analysis (Zahavi)
- Why Domain Modeling (Wirfs-Brock)
- Model Organization with Packages and the Package Diagram (Baker)
- Concurrency in UML (Stachecki)

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25%	Class Diagram
20%	Activity Diagram
15%	Sequence Diagram
15%	Why We Model
10%	State Machine Diagram
5%	Object Diagram
5%	Package Diagram
5%	Use Diagram