UML 2 ADVANCED EXAM

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

Languages
English. Use of translation apps during the exam is prohibited.

Cancellations/Refunds
An exam may be cancelled >24 hours prior to its scheduled date via Pearson VUE for a full refund or the exam price will be forfeited.

Passing Score
>=57/90 correct answers
or >=63% correct answers

Duration
105 mins in native English-speaking countries. 135 mins in all others.
Note: Extra time confirmed following exam order completion.

Prerequisites
Passing scores on UML 2 Foundation and Intermediate exams.

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

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

Format
Multiple choice
(text and images)

Validity
Certifications expire 5 years after exam date. Take the same or higher level exam to extend certification validity.

STANDARD AREAS COVERED

- **Unified Modeling Language (UML) v.2.5.1**: Chapter 7 (Name Expressions, Realization, and Templates), Chapter 8 (String Expressions and Values), Chapter 9 (Classifiers, Classifier Templates, Features, Generalization Sets, Operations, and Properties), Chapter 11 (Associations, Collaborations, and Components), Chapter 12 (Profiles), Chapter 13 (Events [Event Pool and FunctionBehavior] and Behaviors [Reentrant]), Chapter 14 (Behavior StateMachines, ProtocolStateMachines and StateMachine Redefinition), Chapter 15 (Activities, Activity Groups, Control Nodes, ExceptionHandler, Executable Nodes, and Object Nodes), Chapter 16 (Accept Event Actions, Invocation Actions, and Structured Actions [RaiseExceptionAction], and Object Actions [ValueSpecificationActions]), Chapter 17 (Fragments, Interactions, Interaction Uses, Lifelines, Messages, Occurrences, and Summary), Chapter 19 (Artifacts and Deployments), and Chapter 20 (Information Flows).
- **Action Language for Foundational UML (Alf) v1.1**: Chapter 1 (Scope), Chapter 2.3 (Semantic Conformance), Chapter 6.2 (Integration with UML Models), and Chapter 7 (Lexical Structure).
- **Semantics of a Foundational Subset for Executable UML Models (fUML) v1.5**: Chapter 1 (Scope), Chapter 4 (Terms and Definitions), Chapter 7.1 (Abstract Syntax Overview), Chapter 8 (Behavioral Semantics), and Chapter 8.1 (Execution Model Overview).

RECOMMENDED STUDY MATERIALS

- **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)**

UML 2 ADVANCED EXAM

21%	**Common Structure**
14%	**Classification**
12%	**The MOF & Metamodeling**
9%	**Activities**
9%	**Interactions**
8%	**Structured Classifiers**
7%	**Actions**
6%	**Alf**
6%	**fUML**
5%	**StateMachines**
3%	**Common Behavior**