

Exam : IBM 000-486

**Title : Test 486 object-oriented
analysis and design with
uml test**

Version : Demo

Important Note, Please Read Carefully

Other VisualExams products

[All visualexams IT Exam Products](#)

Our products of Offline Testing Engine

Use the offline Testing engine product to practice the questions in an exam environment.

Build a foundation of knowledge which will be useful also after passing the exam.

[visualexams Testing Engine](#)

Latest Version

We are constantly reviewing our products. New material is added and old material is revised. Free updates are available for 90 days after the purchase. You should check your member zone at VisualExams and update 3-4 days before the scheduled exam date.

Here is the procedure to get the latest version:

1. Go to <http://www.visualexams.com/>
2. Log in the **User Center**
3. The latest versions of all purchased products are downloadable from here. Just click the links.

Feedback

If you spot a possible improvement then please let us know. We always interested in improving product quality.

Feedback should be send to Visualexams@hotmail.com. You should include the following: Exam number, version, page number, question number, and your login Account.

Our experts will answer your mail promptly.

Explanations

This product does not include explanations at the moment. If you are interested in providing explanations for this exam, please contact Visualexams@hotmail.com.

Features

- Comprehensive questions with complete details
- Instant Downloadable in PDF form.
- Verified Answers Researched by Industry Experts
- Questions accompanied by exhibits.
- Drag and Drop questions as experienced in the Actual Exams.
- These questions and answers are backed by our GUARANTEE.
- Questions updated on regular basis.
- Like actual certification exams our product is in multiple-choice questions (MCQs)

Commitment to Your Success: At VisualTestExam.com, we are committed to you ongoing success. Our exams and questions are constantly being updated and compared to industry standards.

Want to earn a Microsoft certification like MCSE, MCSE 2003, CCNA, CCNP? Thinking about getting an A+ or CCSP?

A, CCSP or Network+ Certification with less effort and time. You will be astonished at the theoretical and practical knowledge you will acquire in such a short period of time using our Certification Training Products. Our Study material will enable you to pass your Microsoft, Your Cisco and any other certification on the very first attempt.

Guarantee

Visualexams provides the most competitive quality of all exams for the customers, we guarantee your success at the first attempt with only our Certification Question&Answers, if somehow you do not pass the exam at the first time, we will not only arrange FULL REFUND for you, but also provide you another exam of your claim, ABSOLUTELY FREE!

1. Refer to the exhibit to answer the question.

The Acme Ticketing System is to be updated so customers can also purchase tickets directly via the Internet. Besides the Agent which already exists, which of the following are also actor(s) for the updated system?

The Acme Ticket Company is an international company with a ticketing system from which tickets for major events such as musical concerts, theater and sports events, can be purchased over the phone. It employs many agents to answer call inquiries concerning dates and locations, and, in most cases, results in the caller purchasing tickets.

Scenario: **Purchase tickets from the Acme Ticket Company over the phone**

A customer calls to purchase tickets to an event. The agent asks the caller for the name of the event, its location and preferred dates. The caller provides this information. The agent informs the caller if seating is available for the requested show and the available ticket prices. The caller selects the ticket price and the number of seats. The agent locates the required number of seats in a section and holds them temporarily so they cannot be taken by another agent. The agent informs the caller of the viewing angle of the seating, such as from the left side, front, or back of the stage.

The caller decides on the section and confirms the number of tickets. The agent collects payment information from the caller, such as the cardholder name, credit card number, and expiration date. After receiving the credit transaction authorization from the card issuer, the agent confirms the ticket purchase and gives the confirmation number to the caller. If the sale does not complete due to bad credit, the seats are released, otherwise the seats are sold. If the credit card system is not operational, the seats are held and the sales transaction will be completed later. All sales are final. The customer and agent agree on either having the tickets mailed directly to the customer mailing address or held at the "will-call" box of the performance location.

- A. Internet Browser
- B. Customer
- C. Customer, Ticketing System
- D. Customer, Internet Browser
- E. Customer, Internet Browser, Ticketing System

Answer: B

2. Consider the following statements from a domain expert on a project:

An automated bill-payment functionality needs to be added to our online banking application. The bank's customer can make online bill payments to vendors (such as the electric company, telephone company, rental agency). Only vendors who have already signed up with the bank can be paid. There are two ways to make payments:

1. Specify a one-time payment for a specific amount, or
2. Establish regular payments to be made on a specific interval such as monthly or weekly.

Customers are notified of the details of successful payments via email. Their email addresses are already available.

Which of the following are requirements that **MUST** be reflected in use cases?

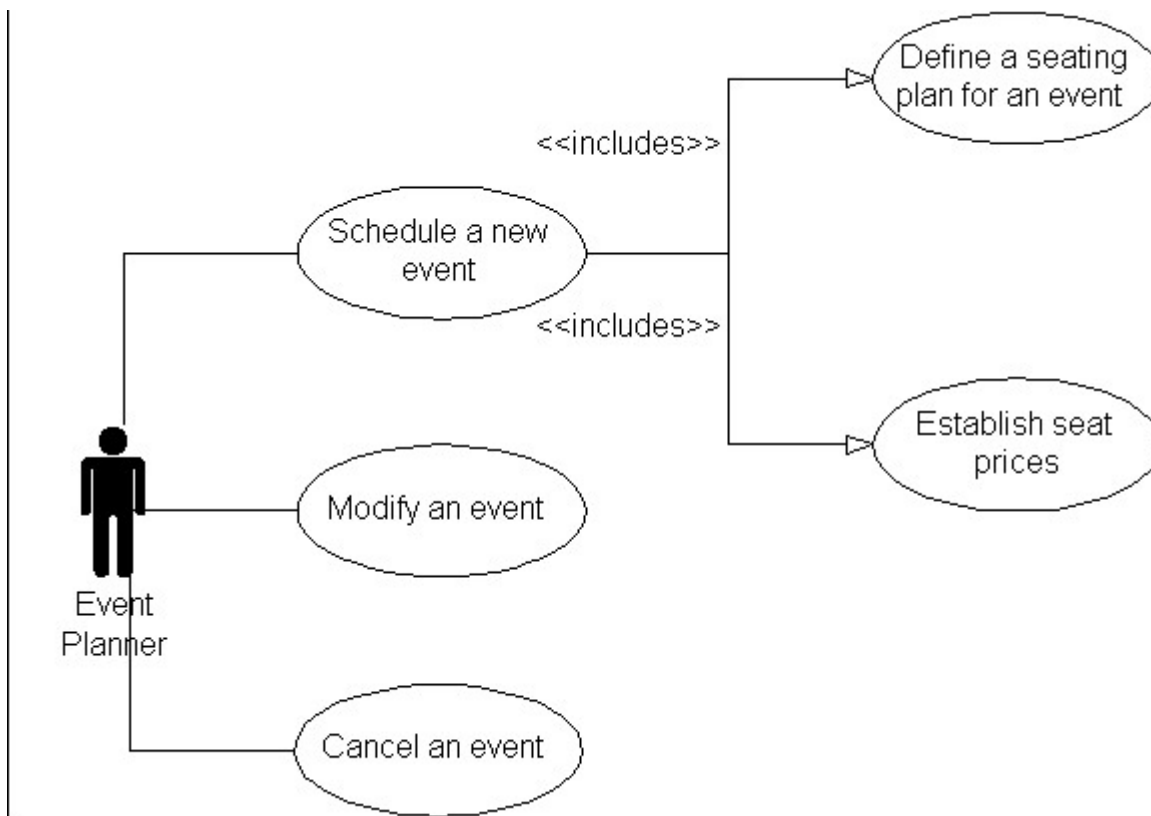
- A. The customer must be given a choice of notification modes, via email or surface mail.
- B. The customer must be given a choice of adding a new vendor to the bank's list of payees.
- C. The customer must be given a choice of payment modes, one-time payment mode and recurring payment mode.
- D. When a payment attempt succeeds, the customer must be notified of the details via email.

Answer: CD

3. Refer to the exhibits to answer the question.

There are new requirements to create seating configurations that are reusable, store those configurations in an external database, and automatically create a weekly event status report. What new use cases are necessary?

Arena events are scheduled by the event planner. When an event gets scheduled, it is added to the arena schedule. Each event is scheduled for a date and time period. Each event has different prices for different seat types. Each arena can hold different types and quantities of seats. The possible types of seats are: balcony, mezzanine, and floor. In addition, an arena can be reconfigured based upon the event type. For example, a hockey game will use the floor space for the game; a concert will use the floor space for seating. At this time, the event planner has a master schedule for all events and facilities.



- A. Create a seating configuration, Store seating configuration, Generate event status report.
- B. Create a seating configuration, Generate event status report.
- C. Create a seating configuration, Modify a seating configuration, Delete a seating configuration.
- D. Store seating configuration, Generate event status report.

Answer: B

4. An application project is being built that enables users to research stocks interactively over the Internet.
- Mary has been a stock analyst for years and understands how to use technical indicators, such as price movements, to determine when to buy and sell stocks.
 - Sam has been a stock analyst for years and understands how to use techniques such as Price/Earnings (P/E) valuation and growth rates to determine when to buy and sell stocks.
 - Harry is the company webmaster and knows a lot about the Internet.
 - Denise is the manager in charge of the project and is ultimately authorized to decide what requirements are to be delivered in the different releases.

Who would be MOST effective to include in the use case writing sessions for this application?

- A. Mary, Sam, Harry and Denise during requirements discussions.
- B. Mary, Sam, and Harry during requirements discussions. Denise occasionally to approve the decisions.
- C. Mary during requirements discussions that relate to technical trading techniques. Sam during discussions that relate to valuation trading techniques. Harry occasionally to answer technical feasibility questions. Denise as much as possible to make scope decisions in realtime.
- D. Mary during requirements discussions that relate to technical trading techniques. Sam during discussions that relate to valuation trading techniques. Harry occasionally to answer technical feasibility questions. Denise occasionally to approve the decisions.

Answer: C

5. A GUI prototype has been demonstrated to marketing personnel and end users for a project. During the demonstration, it became clear that the terminology used and computer skill level were not a good match for the end users, but marketing was thrilled with the state-of-the-art user interface designed. What steps should the analyst take?

- A. Update the object model and GUI to match the end users' terminology and continue with development.
- B. Update the object model and GUI to match the end users' terminology, redesign the GUI to be targeted to a less-skilled user, iterate on the prototype, explain the steps you are taking to marketing, and hold another demonstration session with end users and marketing.
- C. Update the GUI to match the end users' terminology, arrange training offerings to accompany the product release to enhance end user skills, support marketing in a roadtrip to client sites as well as conference demonstrations.
- D. Update the GUI to match the end users' terminology, continue with development, and support marketing in their trips to client sites as well as conference demonstrations.

Answer: B

6. When writing the initial use cases for a project, it is MOST important to define:

- A. The job title for each user of the system.
- B. What user requirements will be fulfilled.

- C. How user requirements will be fulfilled.
- D. How external system interactions will be fulfilled.

Answer: B

7. Which of the following is NOT a UML mechanism used to organize use cases?

- A. Generalization
- B. Override
- C. Extend
- D. Include

Answer: B

8. Refer to the exhibits to answer the question.

Which one of the following labels should be used to describe lines 1, 2, 3?

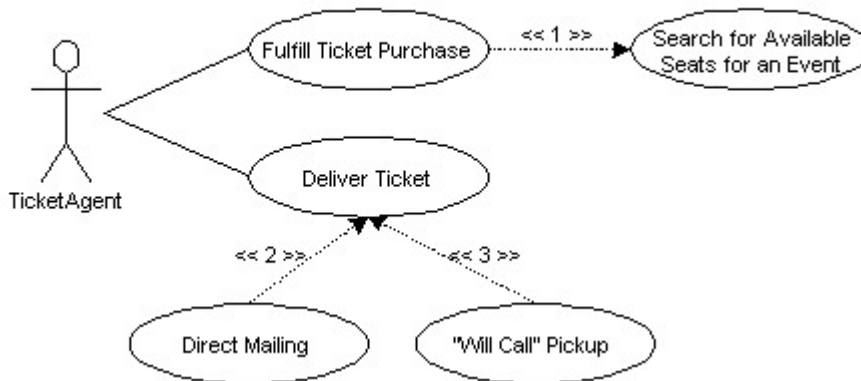
The Acme Ticket Company is an international company with a ticketing system from which tickets for major events such as musical concerts, theater and sports events, can be purchased over the phone. It employs many agents to answer call inquiries concerning dates and locations, and, in most cases, results in the caller purchasing tickets.

Scenario: **Purchase tickets from the Acme Ticket Company over the phone**

A customer calls to purchase tickets to an event. The agent asks the caller for the name of the event, its location and preferred dates. The caller provides this information. The agent informs the caller if seating is available for the requested show and the available ticket prices. The caller selects the ticket price and the number of seats. The agent locates the required number of seats in a section and holds them temporarily so they cannot be taken by another agent. The agent informs the caller of the viewing angle of the seating, such as from the left side, front, or back of the stage.

The caller decides on the section and confirms the number of tickets. The agent collects payment information from the caller, such as the cardholder name, credit card number, and expiration date. After receiving the credit transaction authorization from the card issuer, the agent confirms the ticket purchase and gives the confirmation number to the caller. If the sale does not complete due to bad credit, the seats are released, otherwise the seats are sold. If the credit card system is not operational, the seats are held and the sales transaction will be completed later. All sales are final. The customer and agent agree on either having the tickets mailed directly to the customer' mailing address or held at the "will-call" box of the performance location.

Ticket Agency Use Case Model



- A. Include, include, include
- B. Include, include, extend
- C. Include, extend, extend
- D. Extend, include, extend
- E. Extend, extend, include

Answer: C

9. The following interaction occurs during a requirements discussion:

End user: "The trader should be able to set up multiple stock trades to be submitted together."

Developer: "So, that's like a queue that gets processed first-in, first-out, right?"

End user: "That's right. Once the trade occurs, the stocks show up in the user's portfolio."

Developer: "The portfolio is a container of the user's stocks then?"

What terms should the analyst include in the related use cases?

- A. Queue, container
- B. Trade, container
- C. Trade, portfolio
- D. Trade, queue, portfolio, container

Answer: C

10. An Interaction Diagram should be associated with:

- A. a Use Case.
- B. an Activity Diagram.
- C. a CRC card.
- D. a State Transition Diagram.

Answer: A

11. The following are the requirements for a Report-generation module in an application:

1. When new data is generated, the user-interface should be refreshed automatically to reflect the latest values
2. Multiple view types are possible

Which of the following Model and View interactions BEST satisfies the above requirements?

- A. Establish subscribe/notify mechanism between view and model, with the model updating the view based upon the view type.
- B. Establish a subscribe/notify mechanism between the view and model layers so that the views get notified of the change.
- C. Develop intelligence within the model so that it decides which views are to be refreshed based on the view type.
- D. Combine the view and model layers into a single entity so that the interactions are localized and notifications are instantaneous.

Answer: B

12. Each credit card service provider has its own interface that all client programs must use. What is the BEST way to design a system so that it may easily switch between multiple providers and add new providers as required, while keeping the complexity low?

- A. Create an object with a common API for business objects to use. This object covers all credit card

providers and routes requests from the business objects to the adaptor object of the designated credit card service provider, which handles the interface conversions.

B. Create an ordered collection of credit card service providers and have each try to handle the service requests from the business objects. If one cannot handle the request it passes the request to the next one until it is eventually handled or discarded.

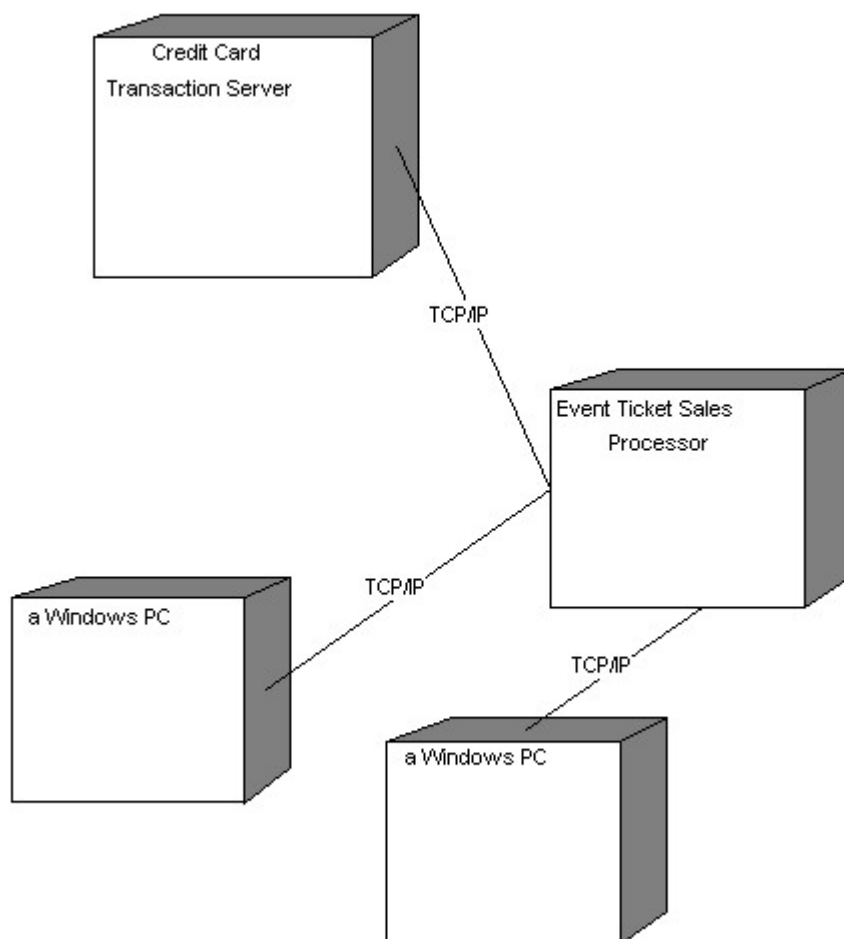
C. Have the business objects communicate directly to the service providers using each service provider's API.

D. Maintain a global pool of credit card service requests from the business objects. Each credit card service goes through the pool to find and claim the requests that it can handle. It then processes each request.

Answer: A

13. Refer to the exhibit to answer the question.

Which packages should be placed in the Event Ticket Sales Processor that is pictured in the Deployment Diagram for the Ticketing System?



Deployment Diagram for Ticketing System

- A. Credit Card Domain
- B. Ticket Purchasing
- C. Event Ticketing Domain

D. Ticket Purchasing Client

Answer: BC

14. Class A is dependent on class B if:

- A. A sends a message to B.
- B. A has a reference to B.
- C. B is used as a parameter for a message sent by A.
- D. B sends a message to A.

Answer: ABC

15. Classes should be grouped into packages by:

- A. project team organization.
- B. classes that are related to the same overall services.
- C. classes that work together in the same interaction diagrams.
- D. the class diagrams they appear in.

Answer: B

16. Which of the following statements about designing an enterprise application is TRUE?

- A. Due to the realities of a commercial system, performance requirements should be resolved in the analysis phase of the project.
- B. A three or more tier architecture should be considered in order to facilitate scalability.
- C. By definition, each use case represents a set of actions that are performed atomically; it therefore maps directly to a transaction.
- D. In modelling a system that will have many concurrent users, collaboration diagrams are more useful than sequence diagrams.

Answer: B

17. In a well-designed layered architecture, which layers should know about which?

- A. Model knows View and Persistence, View knows Model and Persistence
- B. View knows Model, Model knows Persistence
- C. View knows Model, Persistence knows View and Model
- D. View knows Model, Model knows View and Persistence, Persistence knows Model

Answer: B

18. When scheduling project iterations based on use cases, which of the following are good candidates to consider for development in early iterations? Use cases that:

- A. represent primary line-of-business processes.
- B. involve new and risky technology.
- C. involve well-established technologies.
- D. impact the architectural design significantly.

Answer: ABD

19. On a large project, where it is important to architect the system so that teams can work relatively independently, what should the PRIMARY focus be?

- A. Packages and their public interfaces.
- B. Frameworks.
- C. Smaller teams.
- D. The use of interfaces.

Answer: A

20. When doing domain analysis, the class diagram should be drawn PRIMARILY to represent:

- A. messages sent between objects.
- B. implementation objects such as wrappers and devices.
- C. business objects and implementation objects such as wrappers and devices.
- D. business objects.

Answer: D

Visualexams.com was founded in 2006. The safer,easier way to help you pass any IT Certification exams . We provide high quality IT Certification exams practice questions and answers(Q&A). Especially Adobe, Apple, Citrix, Comptia, EMC, HP, HuaWei, LPI, Nortel, Oracle, SUN, Vmware and so on. And help you pass any IT Certification exams at the first try.

Web site: <http://www.visualexams.com>

You can reach us at any of the email addresses listed below.

E-Mail: [visualexams \(at\) hotmail.Com](mailto:visualexams@hotmail.com)