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Time taken	44 days 8 hours
Marks	0/35
Grade	0 out of 30 (0%)

Question 1

Not answered

Mark 0 out of 1

A base use case serves as a _____ to develop other analysis and design artifacts.

Select one:

- ☐ a. guide
- ☐ b. base
- ☐ c. template
- ☐ d. framework

The correct answer is: base

Question 2

Not answered

Mark 0 out of 1

A component is a _____ software unit that provides services independent of particular applications.

Select one:

- ☐ a. important
- ☐ b. redundant
- ☐ c. replaceable
- ☐ d. unique

The correct answer is: replaceable

Question 3

Not answered

Mark 0 out of 1

A high-level message from a _____ to the control object is converted into a series of messages from the control object to the entity objects.

Select one:

- ☐ a. utility object
- ☐ b. persistence object
- ☐ c. boundary object
- ☐ d. interface object

The correct answer is: boundary object

Question 4

Not answered

Mark 0 out of 1

A pattern is the core of a solution to a _____ problem.

Select one:

- ☐ a. one time
- ☐ b. difficult
- ☐ c. recurring
- ☐ d. simple

The correct answer is: recurring

Question 5

Not answered

Mark 0 out of 1

A system actor is one who *directly* interacts with _____.

Select one:

- ☐ a. other actors
- ☐ b. the business
- ☐ c. the information system
- ☐ d. none of these

The correct answer is: the information system

Question 6

Not answered

Mark 0 out of 1

A _____ is one in which software components cooperate and interact across a network to perform services.

Select one:

- ☐ a. monolithic application
- ☐ b. distributed database
- ☐ c. distributed software architecture
- ☐ d. distributed interface

The correct answer is: distributed software architecture

Question 7

Not answered

Mark 0 out of 1

A _____ is responsible for managing a Web site and providing the Internet client with the requested content.

Select one:

- ☐ a. web cast
- ☐ b. web browser
- ☐ c. web server
- ☐ d. web farm

The correct answer is: web server

Question 8

Not answered

Mark 0 out of 1

An actor is identified by a unique name which describes a unique:

Select one:

- ☐ a. role
- ☐ b. person
- ☐ c. goal
- ☐ d. scenario

The correct answer is: role

Mark 0 out of 1

The correct answer is: both knows & does

Mark 0 out of 1

The correct answer is: extend relationship

Mark 0 out of 1

The correct answer is: include relationship

Question 12

Not answered

Mark 0 out of 1

Architecture is concerned with _____ of an information system.

Select one:

- ☐ a. structure
- ☐ b. functionality
- ☐ c. performance
- ☐ d. all of these

The correct answer is: all of these

Question 13

Not answered

Mark 0 out of 1

As you encounter problems in analysis or design, you can consult _____ to find solutions that have worked in the past.

Select one:

- ☐ a. problem domains
- ☐ b. solution domains
- ☐ c. patterns
- ☐ d. methods

The correct answer is: patterns

Question 14

Not answered

Mark 0 out of 1

Building products from replaceable, interchangeable, reusable and well-tested components has proved to be:

Select one:

- ☐ a. the most effective method to assure quality, and, last but not least,
- ☐ b. make products more customizable
- ☐ c. reduce costs through economy of scale.
- ☐ d. all of these

The correct answer is: all of these

Question 15

Not answered

Mark 0 out of 1

Centralized architecture means that

_____.

Select one:

- ☐ a. all services are performed by one processor
- ☐ b. all services are performed by one computer
- ☐ c. a single computer retains control of services that make the system function
- ☐ d. any of these

The correct answer is: a single computer retains control of services that make the system function

Question 16

Not answered

Mark 0 out of 1

Design extends modeling from _____ to _____.

Select one:

- ☐ a. concrete to conceptual
- ☐ b. physical to logical
- ☐ c. conceptual to concrete
- ☐ d. radical to main stream

The correct answer is: conceptual to concrete

Question 17

Not answered

Mark 0 out of 1

Design phase of system development deals with the question of _____ to build the system.

Select one:

- ☐ a. how
- ☐ b. where
- ☐ c. when
- ☐ d. why

The correct answer is: how

Question 18

Not answered

Mark 0 out of 1

In analysis, a close examination of use cases leads us to the discovery of _____ and their relationships.

Select one:

- ☐ a. utility objects
- ☐ b. boundary objects
- ☐ c. entity objects
- ☐ d. control objects

The correct answer is: entity objects

Question 19

Not answered

Mark 0 out of 1

In Checkout Groceries, If the customer pays by credit card instead of cash, then:

Select one:

- ☐ a. execution steps are required
- ☐ b. alternate steps are required
- ☐ c. normal flow applies
- ☐ d. subflows to be created

The correct answer is: alternate steps are required

Question 20

Not answered

Mark 0 out of 1

In the _____ version of the sequence diagram, the participating objects are business objects.

Select one:

- ☐ a. design
- ☐ b. programming
- ☐ c. analysis
- ☐ d. update

The correct answer is: analysis

Question 21

Not answered

Mark 0 out of 1

Messages exchanged between objects carry or copy _____ from one container to another.

Select one:

- ☐ a. data
- ☐ b. classes
- ☐ c. orders
- ☐ d. objects

The correct answer is: data

Question 22

Not answered

Mark 0 out of 1

One essential purpose of component-based architecture is to manage _____.

Select one:

- ☐ a. operating system
- ☐ b. user interface
- ☐ c. complexity
- ☐ d. inheritance

The correct answer is: complexity

Question 23

Not answered

Mark 0 out of 1

Patterns allows us to reuse past experience to mold present solutions, hence, holding the promise of _____.

Select one:

- ☐ a. reuse
- ☐ b. usefulness
- ☐ c. avoiding uselessness
- ☐ d. user friendliness

The correct answer is: reuse

Question 24

Not answered

Mark 0 out of 1

Showing the static structure of an object-oriented model: the object classes, their internal structure, and the relationships in which they participate is the purpose of a:

Select one:

- ☐ a. class diagram
- ☐ b. sequence diagram
- ☐ c. use case diagram
- ☐ d. collaboration diagram

The correct answer is: class diagram

Question 25

Not answered

Mark 0 out of 1

The concept of _____ is used when superclass can provide specialized services through its subclasses.

Select one:

- ☐ a. encapsulation
- ☐ b. reuse
- ☐ c. polymorphism
- ☐ d. components

The correct answer is: polymorphism

Question 26

Not answered

Mark 0 out of 1

The number of instances of entity B that can (or must) be associated with each instance of entity A refers to:

Select one:

- ☐ a. cardinality
- ☐ b. domain
- ☐ c. ternary occurrence
- ☐ d. participation level

The correct answer is: cardinality

Question 27

Not answered

Mark 0 out of 1

The reverse of generalization is:

Select one:

- ☐ a. abstraction
- ☐ b. Specialization
- ☐ c. encapsulation
- ☐ d. polymorphism

The correct answer is: Specialization

Question 28

Not answered

Mark 0 out of 1

The technique of hiding the internal implementation details of an object from its external view is called:

Select one:

- ☐ a. disassociation
- ☐ b. encryption
- ☐ c. encapsulation
- ☐ d. generalization

The correct answer is: encapsulation

Question 29

Not answered

Mark 0 out of 1

Transforming the "what" into "how" is the job of _____ activity.

Select one:

- ☐ a. analysis
- ☐ b. feasibility study
- ☐ c. domain analysis
- ☐ d. design

The correct answer is: design

Question 30

Not answered

Mark 0 out of 1

Use case modeling is a set of _____ that, together, describe the behavior of a system.

Select one:

- ☐ a. diagrams
- ☐ b. flows
- ☐ c. use cases
- ☐ d. systems

The correct answer is: use cases

Question 31

Not answered

Mark 0 out of 1

Use case modeling represents the _____ of a system.

Select one:

- ☐ a. behavior
- ☐ b. condition
- ☐ c. technology
- ☐ d. heart and soul

The correct answer is: behavior

Question 32

Not answered

Mark 0 out of 1

What the objects offers to outside entities are called its _____.

Select one:

- ☐ a. interface
- ☐ b. services
- ☐ c. signature
- ☐ d. any of these

The correct answer is: services

Question 33

Not answered

Mark 0 out of 1

When a use case delegates one or more of its functions to other use cases, the relationship describing this model is called:

Select one:

- ☐ a. extend
- ☐ b. include
- ☐ c. generalization
- ☐ d. either extend or include

The correct answer is: either extend or include

Question 34

Not answered

Mark 0 out of 1

Which of the following encompasses an object's properties and the values those properties have?

Select one:

- ☐ a. behavior
- ☐ b. class
- ☐ c. state
- ☐ d. encapsulation

The correct answer is: state

Question 35

Not answered

Mark 0 out of 1

_____ provides the primary framework for the architecture of information systems.

Select one:

- ☐ a. Engineering
- ☐ b. Building
- ☐ c. Technology
- ☐ d. none of these

The correct answer is: Technology