

Câu 1: What would you NOT consider when you first determine the scope of your software project?

- A. Functions
- B. Quality of code
- C. Procedures

Câu 2: At what stage would you ask the user how they do their work on the system?

- A. Determining Scope
- B. Coding
- C. Testing
- D. Gathering Requirements

Câu 3: What does NOT apply to the requirements specification

- A. You can use it to help test your program
- B. It is created mostly by the programmers
- C. It outlines everything the system is supposed to do
- D. It has lots of diagrams in it

Câu 4: Which of these diagrams would NOT be in a requirement specification?

- A. Data Flow Diagram
- B. Test Sheet
- C. Structure Chart

Câu 5: Which of these is generally used in the design process?

- A. Pseudocode
- B. Diagrams
- C. Storyboards
- D. All of these

Câu 6: Which of these do NOT help make your code more portable?

- A. Using sequences
- B. Using objects
- C. Using common variable types
- D. Using functions

Câu 7: Asking the user to test the program without looking at the code is known as :

- A. White Box Testing
- B. Black Box Testing

Câu 8: This involves updates and checking the program continues to work ok

- A. Testing
- B. Gathering Requirements
- C. Maintenance
- D. Coding

**Câu 9: These are small sections of code that are able to hold data**

- A. Procedures
- B. Functions**
- C. Methods

**Câu 10: This involves choosing the level of data you want to show the user**

- A. Subtraction of Data
- B. Intraction of Data
- C. Destruction of Data
- D. Abstraction of Data**

**Câu 11: Which of these does NOT improve code readability?**

- A. Comments
- B. Camel casting
- C. Indenting
- D. Compactness**

**Câu 12: Which of these is the best example of how to name a label?**

- A. *Lblname*
- B. *LblName*
- C. *nameLbl*
- D. *lblName***

**Câu 13: Which of these would help you identify the start and end of paired statements:**

- A. Comments
- B. Spaces between lines
- C. Indents**
- D. Colour coded text

**Câu 14: Checking the program consistency does its calculations correctly is known as testing for..**

- A. Robustness
- B. Reliability**
- C. Portability
- D. Authenticity

**Câu 15: Are you confident you can complete the pass criteria for the assignment**

- A. Yes**
- B. No

**Câu 16: What is the first step in the System Development Life Cycle ?**

- A. Design
- B. Feasibility
- C. Identification**

D. Analysis

**Câu 17: How many stages are there in the SDLC?**

A. 9

**B. 8**

C. 21

D. 10

**Câu 18: Which of these is a stage of testing?**

A. Omega

B. Alpha

**C. Analysis**

D. Beta

**Câu 19: In which step of SDLC do you actually start to solve the problem?**

A. Maintenance

B. Feasibility

C. Identification

**D. Design**

**Câu 20: Which of these is not a changeover method?**

A. Pilot

**B. Purpendicular**

C. Phased

D. Direct

**Câu 21: In which step of SDLC is Prototyping used?**

A. Implementation

B. Coding

**C. Design**

D. Maintenance

**Câu 22: What does SDLC stand for?**

A. System Development Lunch Catering

**B. Software Development Life Cycle**

C. SDLC

D. System Daily Life Cycle

**Câu 23: Which of these are types of maintenance**

A. Adaptive

B. Construction

**C. Corrective**

D. Perceptive

Câu 24: Which of these is possible reason for software development?

- A. Current software is outdated
- B. I don't know how to turn it on
- C. The legal requirements have changed
- D. The staff spend all day watching cat videos

Câu 25: White box testing is where ...

- A. You test if the box is white
- B. A programmer tests all code pathways
- C. It's not tested by a programmer
- D. You see how much it will cost

Câu 26: Black box testing is where ..

- A. You test the functionality of the code
- B. It's done by a programmer
- C. You don't need to understand programming to do it
- D. You test a black box

Câu 27: Which of these is the mnemonic for the SDLC?

- A. I FAD TIME
- B. TIME FAD
- C. I FAD C TIME (implementation – feasibility – analysis – design – code development – testing – maintenance – evaluation )
- D. I FACETIME

Context of Software Architecture

o Requirements

o Design

o Implementation

o Analysis and Testing

o Evolution

o Development Process

\*Câu 28: Implementation is ...

- A. When you carry out your evil plan to take over the world
- B. The stage where the system is actually rolled out
- C. Where you implement
- D. Acquisition and installation of hardware and software

Câu 29: Which of these are tested in the review / evaluation stage ?

- A. Performance
- B. Identification
- C. Usability
- D. Robustness

Câu 30: In the real world, who would you create the system with ?

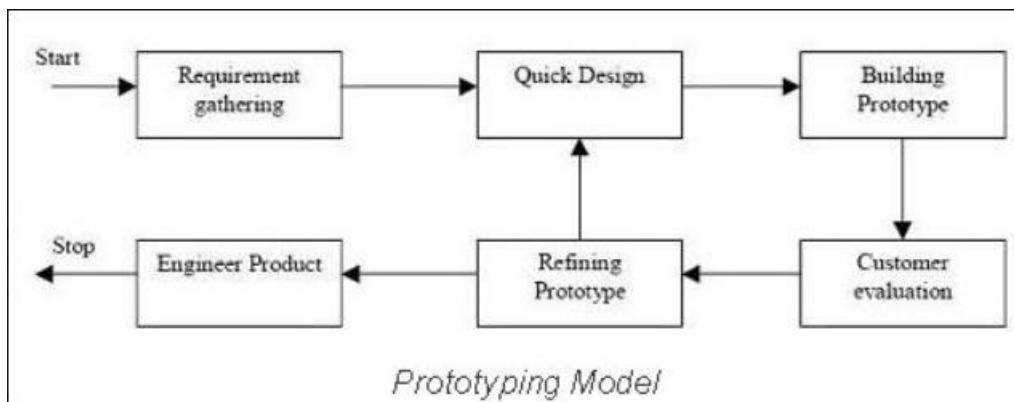
- A. Your imaginary friend
- B. A team of programmers
- C. Yourself
- D. Just you and the client

Câu 31: Which one of the following models is not suitable for accommodating any change?

- A. Build and Fix Model
- B. Prototyping
- C. RAD Model
- D. Waterfall Model

Câu 32: Which one of the following is not a phase of Prototyping Model?

- A. Quick Design
- B. Coding
- C. Prototype Refinement
- D. Engineer Product



Câu 33: Which model can be selected if user is involved in all the phases of SDLC?

- A. Waterfall Model
- B. Both C and D
- C. RAD model
- D. Prototyping model

Câu 34: What is the major advantage of using Incremental Model?

- A. Customer can respond to each increment
- B. Easier to test and debug
- C. Used when there is need to get products the market early

**D. Both B & c**

Câu 35: The spiral model has two dimensions namely ----- and ---

- A. Diagonal, angular
- B. Radial, perpendicular
- C. Radial, angular**
- D. Diagonal, perpendicular

Câu 36: What are the types of requirements?

- A. Availability
- B. Reliability
- C. Usability
- D. All of the mentioned**

Câu 37: Which one of the following is not a step of requirements engineering?

- A. Elicitation
- B. Design**
- C. Analysis
- D. Documentation

Câu 38: A use-case actor is always a person having a role that different people may play.

- A. True
- B. False**

Câu 39: A stakeholder is anyone who will purchase the completed software system under development

- A. True
- B. False**

Câu 40: Which tool is use for structured designing?

- A. Program flowchart
- B. Structure chart**
- C. Data-flow diagram
- D. Module

Câu 41: Cohesion is a qualitative indication of the degree to which a module

- A. Can be written more compactly
- B. Focuses on just one thing**
- C. Is able to complete its function in a timely manner
- D. Is connected to other modules and the outside world

Câu 42: Coupling is a qualitative indication of the degree to which a module

- A. Can be written more compactly
- B. Focuses on just one thing

- C. Is able to complete its function in a timely manner
- D. Is connected to other modules and the outside world

Câu 43: Which model shows the flow of object interactions?

- A. Sequence model
- B. Subsystem model
- C. Dynamic model
- D. Both Sequence and Dynamic model

Câu 44: Classes and interfaces are a part of

- A. Structural things
- B. Behavioral things
- C. Grouping things
- D. Annotational things

Câu 45: What is a physical element that exists at run time in UML?

- A. A node
- B. An interfa
- C. An activity
- D. None of the mentioned

Câu 46: Why are Patterns important?

- A. They capture expert design knowledge
- B. Captured design accessible to both novices and other experts
- C. All of the mentioned
- D. None of the mentioned

Câu 47: What benefits does patterns provide?

- A. Promoting Communication
- B. Streamlining Documentation
- C. Increasing Development Efficiency
- D. All of the mentioned

Câu 48: What is architectural style?

- A. Architectural style is a description of component types
- B. It is pattern of run-time control
- C. It is set of constraints on architecture
- D. All of the mentioned

Câu 49: Which of the following is true?

- A. Architecture is low level design
- B. Architecture is mid level design
- C. Architecture is high level design
- D. None of the mentioned

Câu 50: Which class that can have only one instance?

- A. Adaptor Class
- B. Proxy Class
- C. Singleton Class
- D. Factory Class

Câu 51: What are the types of factory pattern?

- A. Factory Method
- B. Abstract Method
- C. All of the mentioned
- D. None of the mentioned

Câu 52: Which of the following can be included as the collection?

- A. Set
- B. List
- C. Array
- D. All of the mentioned

Câu 53: What does collection iteration means?

- A. It is iteration over the collection
- B. Traversal and access of each element in a collection
- C. All of the mentioned
- D. None of the mentioned

Câu 54: A class (Adapter class) may be given new interface by an adapter class in which of these ways?

- A. Class Adapter pattern
- B. Object Adapter pattern
- C. All of the mentioned
- D. None of the mentioned

Câu 55: Which of the following is not followed by proxy pattern?

- A. Virtual proxies
- B. Remote proxies
- C. Access Proxies
- D. None of the mentioned

Câu 56: In particular, layers have which of the following characteristics?

- A. Layers are highly cohesive, satisfying Principle Cohesion
- B. Layers doesn't support information hiding
- C. Layers are constrained to use only above layers
- D. All of the mentioned



Câu 57: What are the different interaction diagram notations does UML have?

- A. A sequence diagram
- B. A communication diagram
- C. An interaction overview diagram
- D. All of the mentioned

Câu 58: Which of these are class diagram generation heuristics?

- A. Add classes for data types
- B. Convert or add container classes
- C. Convert or add engineering design relationships
- D. All of the mentioned

Câu 59: A design document is a complete engineering design specification composed of ?

- A. Software Architecture Document (SAD)
- B. Detail Design Document (DDD)
- C. All of the mentioned
- D. None of the mentioned

Câu 60: UML provides which these levels of visibility that can be applied to attributes and operations?

- A. Public
- B. Package
- C. Protected Private
- D. All of the mentioned

Câu 61: What is software architecture?

Câu 62: What are the main elements in the definition of software architecture?

- A. Set of structures
- B. Software elements
- C. Relations
- D. Properties

Câu 63: What are the important categories of architectures in the book?

- A. Hierarchy
- B. Module
- C. Component and Connector
- D. Allocation

Câu 64: What SWA category focuses on mapping software structures to the system's environment?

- A. Allocation
- B. Component and Connector
- C. Module
- D. None

Câu 65: What SWA category focuses on diving systems into implementation units?

- A. Allocation
- B. Component and Connector
- C. Module
- D. None

Câu 66: What SWA category focuses on how each module is implemented in detail?

- A. Allocation
- B. Component and Connector
- C. Module
- D. None

Câu 67: What SWA category focuses on how elements interact in runtime?

- A. Allocation
- B. Component and Connector
- C. Module
- D. None

Câu 68: A structure is architectural if it..

- A. Specifies implementation details
- B. Specifies programming language
- C. Supports large structures

**D. Supports reasoning**

Câu 69: It was recognized as the first comprehensive framework for enterprise architecture

- A. Zachman Framework**
- B. Model-Driven Architecture
- C. The Open Group Architecture Framework (TOGAF)

Câu 70: Migration planning is included in the TOGAF stepwise cycle approach

- A. True**
- B. False

Câu 71: Originated as a generic framework and a methodology for developing technical architectures.

- A. The Open Group Architecture Framework (TOGAF)**
- B. The Zachman Framework**
- C. The Model-Driven Architecture of Object Management Group (OMG)

Câu 72: This provides the “way of working” for architects

- A. Architecture Capability Framework
- B. Architecture Content Framework
- C. Architecture Development Method**

Câu 73: A key feature of MDA, which is a set of rules and techniques used to modify one (1) model to come up with a new model

- A. Mapping**
- B. Platform-Specific Model (PSM)
- C. Platform-Independent Model (PIM)

Câu 74: It describes the internal structure of a system while abstracting specific details for a particular platform.

- A. Platform-Specific Model (PSM)
- B. Platform-Independent Model (PIM)**
- C. Computation Independent Model (CIM)

Câu 75: Architecture capability framework provides the “way of working” for architects in enterprises architecture?

- A. True
- B. False**

Câu 76: Data and application architecture are under the enterprise consortium of TOGAF

- A. True
- B. False**

Câu 77: Meta-object facility (MOF) provides a standard repository of the MDA model in enterprise architecture

- A. True
- B. False

Câu 78: This combines the specifications in the PIM and the details on how a system uses a particular type of platform

- A. Platform-Specific Model (PSM)
- B. Platform-Independent Model (PIM)
- C. Computation Independent Model (CIM)

Câu 79: What is type of static structure diagram that describes the structure of a system?

- A. Class diagram
- B. Object diagram
- C. Use case diagram
- D. State diagram

Câu 80: What is diagram that shows view of the structure of a modeled system at a specific time?

- A. Class diagram
- B. Object diagram
- C. State diagram
- D. Sequence diagram

Câu 81: What diagram can identify the different types of users of a system?

- A. Class diagram
- B. Use case diagram
- C. State diagram
- D. Sequence diagram

Câu 82: What diagram shows how processes operate one another and in what order?

- A. Class diagram
- B. State diagram
- C. Sequence diagram
- D. Activity diagram

Câu 83: What diagram requires that the system described is composed of a finite number of states?

- A. Object diagram
- B. State diagram
- C. Sequence diagram
- D. Activity diagram

Câu 84: What diagram is graphical representations of workflows of stepwise activities and actions?

- A. Class diagram
- B. State diagram
- C. Activity diagram
- D. Sequence diagram

Câu 85: Which of the following diagram types below is NOT classified as dynamic diagram?

- A. State diagram
- B. Activity diagram
- C. Sequence diagram
- D. Class diagram

Câu 86: Which of the below diagram is NOT a Unified Modeling Language (UML) diagram

- A. Class diagram
- B. State diagram
- C. Data flow diagram (DFD)
- D. Sequence diagram

Câu 87: In this video, it states "Interaction diagram emphasizes the time ordering of messages"?

- A. True
- B. False

Câu 88: What is a list?

- A. A collection of elements with an inherent order
- B. A collection of elements without an inherent order
- C. An abstraction of a shopping cart
- D. A mythical object boasting infinite storage

Câu 89: What pointers are correct for a fixed size array implementation of a Linked List?

- A. Start, Nextfree, NextInList
- B. Start, End, Nextfree, NextInList
- C. Nextfree, NextInList, End
- D. Start, End

Câu 90: What is the largest amount of research needed for a Linear Search in a 100 length list

- A. 100
- B. 50
- C.  $\log_2(100)$
- D.  $\sqrt{100}$

Câu 91: Define an Abstract Data Type

- A. Specified independently of any programming language
- B. Specified by a particular programming language
- C. A simulator of a data type
- D. A really odd integer

Câu 92: What is NOT a use for a Stack

- A. Remembering the memory location of procedure calls
- B. Student Canteen Queue**
- C. Last-in first-out queue
- D. A representation of a stack of chairs

Câu 93: What is a dynamic data structure?

- A. The memory taken up by the data structure varies at run time**
- B. Memory required is defined before run time
- C. Memory required is defined after run time
- D. A data structure that can move freely in the real realm

Câu 93: What pointer is needed for an array implemented Stack?

- A. Top**
- B. Bottom
- C. Max
- D. Somewhere around the middle

Câu 94: What are the terms used for adding and removing data from the Stack?

- A. Push, Pop**
- B. Poke, Burst
- C. Touch, Fizzle
- D. Nitwit, Blubber, Oddment and Tweak

Câu 95: if Peter, Bob and Andrew entered the Stack order. Who would leave last?

- A. Peter**
- B. Bob
- C. Andrew

Câu 96: What is a Queue?

- A. A british thing to do
- B. A first-in first-out system**
- C. A last-in first-out system
- D. A linear list

Câu 97: What are the two main pointers used for an array implementation of a circular queue?

- A. Front, Rear
- B. Top, Bottom**
- C. Left, Right
- D. In, Out, Shake it all about

Câu 98: Which of these are NOT queues?

- A. Priority
- B. Circular
- C. Linear

**D. Dynamic**

Câu 99: Which of these are NOT uses for a queue?

- A. Cinema Booking System**
- B. Canteen
- C. Deck of Cards

Câu 100: What does a Priority Queue do?

- A. Orders by priority, then by when joined**
- B. Orders by when joined, then priority
- C. Those with the least priority join the front.

Câu 101: What is Recursion?

- A. A routine defined in terms of itself**
- B. Defines itself using others
- C. An endless loop

Câu 102: What abstract data-type is used in Recursion?

- A. Queues
- B. Stacks**
- C. Simulation
- D. Recursion

Câu 103: Which of these can be use Recursion?

- A. Binary Search**
- B. Linear Search
- C. Leonardo Di Caprio
- D. Recursion**

Câu 104: Quality Assurance is

- A. Guarantee that standards will be archived during processing**
- B. Conducting tests to make sure products are consistent
- C. The level of wellbeing an individual experiences
- D. Processing goods to increase their selling value

Câu 105: Quality assurance includes

- A. Identifying objective and standards
- B. Conducting quality audits
- C. Planning for continuous collection of data
- D. All of above**

Câu 106: An example of quality assurance is

- A. Leaving guest forms in hotel rooms for feedback

- B. Making sure your hair is neat and tidy
- C. Ensuring the customer is served with 2 minutes when arriving
- D. Asking for a upgrade to first class

Câu 107: Quality assurance is defined as

- A. The standardization of product and services
- B. A management philosophy on continue improvement
- C. A food safety program used to identify hazards
- D. A code of conduct used to manage staff behaviors

Câu 108: Quality Assurance and Quality Control are the same

- A. True
- B. False

Câu 109: Which is not a Quality Assurance technique

- A. Walkthroughs and inspections
- B. Service Level arguments
- C. Post Projects Review
- D. Testing driven requirements

Câu 110: Quality audits

- A. Are unnecessary if you do it right the first time
- B. Must be performed daily for each process
- C. Are expensive and not worth doing
- D. Is necessary to confirm quality policy is being followed

Câu 111: Quality Control is

- A. Guarantee that standards will be archived during processing
- B. Conducting tests to check products are meeting standards
- C. The level of wellbeing an individual experiences
- D. The processing of foods to increase their selling value

Câu 112: Software Quality Assurance provides confidence that a product confirms to requirements by a

- A. Planned and systematic pattern of actions
- B. Ad-hoc and systematic pattern of actions
- C. Ad-hoc and random pattern of actions
- D. Planned and random pattern of actions

Câu 113: What is meant by the term Quality Assurance?

- A. A term used to add value to the product
- B. A term used to ensure that production works effectively
- C. A system to ensure that quality control runs effectively
- D. A term that will keep all customers happy



Câu 114: What is meant by Quality Control?

- A. Administration checks in the office
- B. The checks performed on a product during its manufacture
- C. How the customer makes the right decision
- D. Checks performed after the product is completed

Câu 115: The definition of quality is referred to as?

- A. Expensive
- B. Right first time
- C. Fitness for purpose
- D. Rolls Royce

Câu 116: What is the first question that needs to be answered when doing quality planning?

- A. Where do we want to go?
- B. Where are we?
- C. How are we going to get there?
- D. Who is responsible for what?

Câu 117: Who within the IT organization has the responsibility for developing IT policies?

- A. Quality assurance function
- B. Human resource function
- C. Quality control function
- D. IT management

Câu 118: Quality is a lower priority than project scope, time, and cost

- A. True
- B. False

Câu 119: What is the advantage of pipe and filter architecture style?

- A. They interact with the environment in limited ways
- B. None of them
- C. They simplify the systems maintenance and enhance its reuse
- D. Interactive applications are encouraged by the style

Câu 120: Spring Boot:

- A. Web development software
- B. Plugin of Spring framework
- C. Tool to work with Spring framework easier
- D. Java web framework

Câu 121: We must add ----- dependency for user login & logout in Spring Boot

- A. Spring Authentication
- B. Spring Security

- C. Authentication
- D. Security

Câu 122: We can write manual SQL query in Spring Boot:

- A. True
- B. False

Câu 123: What is the folder name to store html files in Spring project?

- A. Views
- B. Template
- C. View
- D. Templates

Câu 124: What is the default server port in Spring Boot

- A. 8080
- B. 8000
- C. 8081
- D. None of them

Câu 125: How many main cultures in software engineering nowadays?

- A. 4
- B. 5
- C. 3 ( agile, object-oriented, process)
- D. 6

Câu 126: @Controller & @RestController annotations are similar

- A. True
- B. False

Câu 127: In UML class diagram

- A. + is used for private, - is used for public
- B. + is used for operation, - is used for data
- C. + is used for data, - is used for operation
- D. + is used for public, - is used for private

Câu 128: The nonfunctional components consists of

- A. Reliability
- B. All of them
- C. Reusability
- D. Adaptability

Câu 129: How to bridge the gap between requirements & solutions

- A. Software development

- B. Software architecture
- C. Software engineering
- D. Software design

Câu 130: In linked list implementation of a queue, the item is deleted from

- A. At the center of linked list
- B. None is correct
- C. At the head of linked list
- D. At the tail of linked list

Câu 131: How many main methods which can be used for software testing?

- A. 2
- B. 1
- C. 4
- D. 3

Câu 132: Select the correct statement

- A. Stack ADT: LIFO, Queue ADT: FIFO
- B. Stack ADT: FIFO, Queue ADT: FIFO
- C. Stack ADT: LIFO, Queue ADT: LIFO
- D. Stack ADT: FIFO, Queue ADT: LIFO

Câu 133: Which one is correct about Thymeleaf

- A. Can work in both web and non-web environment
- B. All of them
- C. Is a Java template engine
- D. Replace for JSP

Câu 134: In Stack ADT

- A. All the operation takes place at the top of the stack
- B. None is correct
- C. All the operation takes place at the bottom of the stack
- D. All the operation takes place at both top & bottom of the stack

Câu 135: How many phases in software project management?

- A. 2
- B. 4
- C. 1
- D. 3 (planning, execution, closure)

Câu 136: Architectural styles is composed of which of the following

- A. A set of semantic constraints
- B. All of them
- C. A set of component types that performs some function at run time

- D. A topological layout of these components indicating their run-time interrelationship

Cau 137: ORM stands for

- A. Object Relational Mapper
- B. Object Relational Mapping
- C. Oriented Relationship Mapping
- D. None of them

Cau 138: Which of the following is correct about layered style?

- A. All of them
- B. The dynamic structure of layered is to partition software units into modular types
- C. None of them
- D. The static structure of layered style is nothing more than a constraint of interactions between layers

Cau 139: Which is not a valid step in SDLC framework?

- A. Software design
- B. Requirement gathering
- C. None is correct
- D. System analysis

Cau 140: Which of these notations are followed under type of specification as decomposition?

- A. Box and line diagram
- B. All of them
- C. Sequence and communication diagram
- D. State diagram

Cau 141: What is the folder name to store web resources (images, css, js,...) in Spring Boot project?

- A. Resources
- B. Static
- C. Dynamic
- D. Resource

Cau 142: Which UML diagram is used to show interactions between messages classified as?

- A. Sequence
- B. State chart
- C. Collaboration
- D. Activity

Cau 143: Insertion an item into the stack when stack is not full is called ----- operation. Deletion of item from the stack when stack is not empty is called --- operation.

- A. Pop, push
- B. Insert, delete
- C. Delete, insert

D. Push, pop

Cau 144: Which statement is correct about MVC design pattern for a Java web application?

A. Java objects work as Model, JSP works as Controller, Servlet work as View

Cau 145: What is architecture of a software based on

A. Design

B. None of them

C. All of them

D. Requirements

Cau 146: ---- dependency in Spring Boot is used for setting up website template

A. Thymeleaf layout dialect

B. Thymeleaf layout

C. Thymeleaf dialect

D. Thymeleaf template

Cau 147: What is a sequence diagram?

A. All of them

Cau 148: What is JPA used to ?

A. None of them

B. Work with database more effectively

C. Create database automatically

D. Setup connection to database

Cau 149: How many main stages in software development lifecycle?

A. 5

B. 7

C. 6

D. 8

Cau 150: All dependencies in Spring Boot project were included in pom.xml

A. False

B. True

Cau 151: In Queue ADT

A. Both insertion& deletion are done at the rear-end

B. Insertion is done at the rear-end while deletion is done at the front-end

C. Both insertion& deletion are done at the front-end

D. Insertion is done at the front-end while deletion is done at the rear-end

Cau 152: How many types of entity relationship in Hibernate

- A. 2
- B. 3
- C. 1
- D. 4

Cau 153: What is the drawback of layered styles?

- A. Multi-layered program can be hard to debug because operations tend to be implemented through a series of calls across layers
- B. It is often necessary to pass data through many layers, which can slow performance significantly
- C. Layers support information hiding
- D. None of them

Cau 154: API stands for

- A. Architecture Programming interface
- B. None of them
- C. Architecture Product interface
- D. Application Programming interface

Cau 155: Spring Boot supports automatic database creation

- A. False
- B. True

Cau 156: The final output of --- phase is a fully developed and tested software system along with complete documentation and testing results:

- A. System implementation
- B. System design
- C. System development
- D. System analysis

Cau 157: ---- file is used to config Spring Boot project

- A. System configuration
- B. Application properties
- C. Project.config
- D. Application.property

Cau 158: It is not recommended to handle the application on JSP

- A. False
- B. True

Cau 159: How many types of UML visibility specification?

- A. 4
- B. 3
- C. 2
- D. 1

Cau 160: We can not change the default server port in Spring Boot

- A. True
- B. False

Cau 161: What happens when a constructor is defined for an interface

- A. Compilation failure

Cau 162: Users should be allowed to directly access to JSP page

- A. True
- B. False

Cau 163: What does an interface contain

- A. Method declaration

Cau 164: Which among these are the notations which are used to represent software architecture?

- A. UML use case diagram
- B. UML activity diagram
- C. All of them
- D. UML class diagram, interaction diagram

Cau 165: Which one of the following is a functional requirement?

- A. Portability
- B. Business needs
- C. Reliability
- D. Maintainability

Cau 166: --- is an architectural style for developing web services

- A. REST
- B. SOAP
- C. RESTful
- D. Jersey

Cau 167: We can use both array and linked list to implement Java ADT including List, Stack, Queue

- A. True
- B. False