

SDM-Test

1.

Which two models doesn't allow defining requirements early in the cycle?

- a) Waterfall & RAD
- b) Prototyping & Spiral
- c) Prototyping & RAD
- d) Waterfall & Spiral

2.

Software project manager is engaged with software management activities. He is responsible for _____ .

- a) Project planning.
- b) Monitoring the progress
- c) Communication among stakeholders
- d) All mentioned above

3.

Which of the following are valid docker commands?

- a) docker ps
- b) docker run [OPTIONS] IMAGE [COMMAND] [ARG...]
- c) docker images
- d) All of the above

4.

Select the browser which is NOT supported by Selenium IDE.?

- a) Google Chrome
- b) Opera Mini
- c) Mozilla Firefox
- d) Internet Explorer

5.

The _____ Creates a new local branch from the current branch's tip.

- a) git checkout
- b) git checkin
- c) git checkout -b
- d) git clone

6.

Which one of the following is not an Evolutionary Process Model?

- a) waterfall
- b) winwin spiral
- c) incremental
- d) None

7.

What are the Business advantages of DevOps?

- a) Faster delivery of features
- b) less stable operating environments
- c) More time available to add value
- d) 2 and 3
- e) 1 and 3

8.

What is a Kubernetes volume?

- a) The software within an OS that controls capacity allocation for nodes
- b) A directory for the data accessible to containers in a pod
- c) Layering software that puts apps into compartments for easier deployment
- d) Code that enables two software programs to communicate

9.

What is the use of **Git**?

- a) Continuous Integration tool
- b) Version Control System tool
- c) Continuous Monitoring tool
- d) Containerization tool

10.

How is WINWIN Spiral Model different from Spiral Model?

- a) It defines tasks required to define resources, timelines, and other project related information
- b) It defines a set of negotiation activities at the beginning of each pass around the spiral
- c) It defines tasks required to assess both technical and management risks
- d) It defines tasks required to construct, test, install, and provide user support

11.

Which components are installed on a node to mark it as part of the data plane in a Kubernetes cluster?[Multiple Select]

- a) api-server
- b) kube-proxy
- c) kubelet
- d) scheduler

12.

Which two of the following models will not be able to give the desired outcome if user's participation is not involved?

- a) Waterfall & Spiral
- b) RAD & Spiral
- c) RAD & Waterfall
- d) RAD & Prototyping

13.

If you were to create website applications, which model would you go for?

- a) waterfall
- b) prototype
- c) incremental
- d) spiral

14.

Selection of a model is based on

- a) requirements
- b) team and users
- c) risk management
- d) all of the above

15.

git commit -m < ? >, ? is for

- a) file name to be committed
- b) comment
- c) repo url
- d) None

16.

What are the Technical advantages of DevOps?

- a) Continuous software delivery
- b) Less complex problems to fix
- c) Faster resolution of problems
- d) 1,2and 3
- e) 1 and 2

17.

Select the odd one using in Selenium

- a) Pattern Matching
- b) XPath
- c) Id
- d) CSS selector

18.

The Agile methodology is a s/w development methodology that came to light on

-
- a) 2000
 - b) 2001
 - c) 2005
 - d) 2004

19.

If you wanted to find the sibling input that is after an input in the DOM, what would the XPath look like?

- a) //input/following-sibling::input
- b) //input::following-sibling/input
- c) //input/sibling::input
- d) //input/preceding-sibling::input

20.

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

- a) waterfall
- b) prototype
- c) RAD
- d) None

21.

Agile Software Development is based on

- a) Incremental Development
- b) Iterative Development
- c) Linear Development
- d) Both Incremental and Iterative Development

22.

The user system requirements are the parts of which document ?

- a) SRS
- b) SRD
- c) SRV
- d) SSR

23.

What is a pod in Kubernetes and what does it do?

- a) A collection of physical IT components that supports a group of containers
- b) A collection of logic circuitry that evaluates a computer's operational code
- c) Where you find peas
- d) One or more containers grouped together to share resources and run as a unit

24.

Spiral Model has user involvement in all its phases.

- a) true
- b) false
- c) may be
- d) may not be

25.

Which CSS selector applies to the yellow element(s) only? Select the correct answers!

- a) `h1-.content{ ... }`
- b) `.content h1{ ... }`
- c) `h1#content{ ... }`
- d) `#content h1{ ... }`
- e) none of the above

26.

Right command to stage all files

- a) `git add`
- b) `git add *`
- c) `git add <fileName>`
- d) None

27.

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

- a) Prototype
- b) Waterfall
- c) Spiral
- d) Iterative

28.

Generally, what is a proxy service used for?

- a) To supplant an authentic webpage in a search engine's index and search page results
- b) To connect external parties and route data between internal and external containers
- c) To act as an intermediary between an endpoint device and another server
- d) To relay connection requests for inbound network traffic

29.

Pick two from the following if you wanted to do a partial match on an attribute on an element from the beginning of the value

- a) `contains()`
- b) `starts-with()`
- c) `ends-with()`
- d) `contains-text()`

30.

Which one of them is incorrect command

- a) `git add Test.txt`
- b) `git pull origin master`
- c) `git push origin master`
- d) None

31.

command use to connect remote repo with local repo

- a) `git remote add`
- b) `git init`
- c) `git connect repo`
- d) `git configure`

32.

Arrange the following steps to form a basic/general Engineering Process Model.

- i. Test
 - ii. Design
 - iii. Install
 - iv. Specification
 - v. Manufacture
 - vi. Maintain
- a) 2, 4, 5, 1, 6, 3
 - b) 4, 2, 5, 1, 3, 6
 - c) 2, 4, 5, 1, 3, 6
 - d) 4, 2, 5, 1, 6, 3

33.

The _____ is a culture which promotes collaboration between Development and Operations Team to deploy code to production faster in an automated.

- a) DevOps
- b) ITIL
- c) HRTS
- d) ITSM

34.

How is plan driven development different from agile development ?

- a) Outputs are decided through a process of negotiation during the software development process
- b) Specification, design, implementation and testing are interleaved
- c) Iteration occurs within activities
- d) All of the mentioned

35.

Spiral Model has high reliability requirements.

- a) TRUE
- b) FALSE
- c) MAY BE
- d) MAY NOT BE

36.

Correct command to push your changes to X branch

- a) git push origin master X
- b) git push origin X
- c) git push branch X
- d) git push X

37.

Identify the disadvantage of Spiral Model.

- a) Doesn't work well for smaller projects
- b) High amount of risk analysis
- c) Strong approval and documentation control
- d) Additional Functionality can be added at a later date

38.

What Kubernetes resources are NOT used to ensure the Application management?

- a) Deployments
- b) Secrets
- c) ReplicaSets
- d) Pods

39.

In the context of Kubernetes, what is a container?

- a) An application environment installed on software that imitates dedicated hardware
- b) A package that relies on virtual isolation technology to deploy and run applications that access a shared OS kernel
- c) A large metal box that is used to hold or transport something
- d) A unit that stores data on a computer's memory drive

40.

The _____ is a process followed for a software project, within a software organization.

- a) DevOps
- b) ITIL
- c) SDLC
- d) Lifecycle

41.

..... is equivalent to fetch and merge

- a) pull
- b) synchronize
- c) push
- d) fetch

42.

The _____ is a process that ensures that a software application processes and performs in an expected manner and scope.

- a) Continue
- b) testing
- c) Continuous
- d) deployment
- e) Application monitoring
- f) None of these