1. Identify an Agile methodology which mandates engineering practices like Automation, test driven development etc – Extreme Programming
2. Identify the valid inputs for Sprint Planning meeting – Product Backlog, Latest increment of the product and Sprint backlog
3. In Scrum, a Chicken is –
4. Team
5. Scrum Master
6. Product Owner

Product Owner

1. Why do you need to go for automation framework?
2. Re-usability
3. Efficiency
4. To develop automation quickly for another application

All (I, II and III)

1. Automation testing is cost effective in which of the following areas? – Both(I and II)
2. Each test contributes to the specification of desired behavior. Which is the feature, pertaining to automation testing? - Necessary
3. Speed to market is a competitive advantage. State true or false. - True
4. Identify the key aspects or principle behind DevOps. – All the listed
5. Which collaboration tool makes the most sense for persistent information? – GitHub Wiki
6. If a user wants to display data from various modules, which type of graph should the user choose from the options listed below? – Entity Graph
7. In Requirements module of HP ALM, requirement related topics are recorded by creating which of the following? – Requirements tree
8. Each time when you add a new defect, from which of the following fields does ALM store list of keywords? – Summary and Description fields
9. Which of the following refers to making software, specifically designed for a specific locality? – Localization Testing
10. Robotium supports iOS as well as Android apps automation - False
11. MVC framework is adapted only in Java/J2EE Technology Stack - False
12. Choose the statements that apply to Controller from the following – Controller requests data from model, Controller interprets user interactions
13. A model could be a single object, or a structure of objects - true
14. Hearing loss can be overcome by using Read and Write Help software, such as Read and Write Gold - False
15. Endurance tests helps to find any memory leak issues - True
16. What is Vulnerability Scanning – Automated Scanning using tools

21. UML sequence diagrams are usually all-inclusive diagrams. State true or False.

Ans:- true

22. A programmer controls access to attributes and procedure of a class by using access specifiers within a class definition. What are the three types of access specifiers available?

Ans:- a.private b.protected c.public

23. Which of the following is the automation of the Build and Deployment Process, which in turn will trigger the automated Smoke Test Suite?

Ans:- Continuous integration

24. In which of the following options, ample opportunities will be provided for fine tuning the code to adjust the functionality of the project? Select one:

Ans:- shift left

25. In Shift Left approach, even Automation & Non-functional testing plans can get started in early phases like, Requirements or Design phase. State true or false.

Ans:- true

26. Shift Left model approach of quality assurance is a lot like Reactive care.

Ans:- false

27. Which of the structural diagrams best help in budgeting the hardware required for the system? Select one:

Ans:- deployment diagrams

28. What are the three goals we focus on when creating UML diagrams?

Ans:- visualize, specify, document

29. Unified Modeling Language, is a standard language for designing and documenting a system in an object-oriented manner. State true or false

Ans:- true

30. Code review is performed on the code for which of the aspects given below?

Ans:- a. Empty try/catch/finally/switch blocks

b. Empty if/while statements

c. Dead code/Dead variable

31. The process of examining the source code of a project by an unbiased engineer, to validate the design and implementation of a product at the most basic level is called: Select one:

Ans:- code review

32. Code Coverage is used as a measure of which of the following?

Ans:- Test effectiveness

33. Which of the following is NOT a white box technique?

Ans:- state transition testing

34. The structural format of a SOAP message ( as per SOAP version 1.1 ) contains which of the following MANDATORY elements?

Ans:- b. envelop, c. body

35. The base specification of WSDL defines which of the following WSDL binding extension?

Ans:- a. MIME binding b. SOAP binding c. HTTP GET &amp; POST binding

36. Coding/decoding, and transporting the data is performed by which of the following? Select one:

Ans:- XML and SOAP

37. What are the key features of Risk Based Testing (RBT)? Select one:

Ans:- all the above (Reduces QA cost, Identifies critical defects at an early stage of testing, Increases involvement between business, Increases the Time-to-Market)

38. Risk Based Testing (RBT) helps a project to balance risk with project constraints such as, schedule, resource, and cost. State true or false.

Ans:- true

39. The “Probability of Failure” defines the likelihood of a particular failing functionality and the “Impact of Failure” defines the impact of not detecting the failure. State true or false.

Ans:- true

40. RISE = Risk Inspired Scenario Evaluator. State true or false

Ans:- true

1.Which of the following is the difference between traditional PM and agile PM ?

a.Traditional PM : Project management office standardizes the processes.

Agile PM :Project Team facilitated by scrum master is responsible for defining,implementing and continuously improving the processes.Project manager supports the team to achieve this.

b.Traditional PM : Tracks and reports progress.Manages overall cost and schedule.

Agile PM : Project Team facilitated by scrum master is responsible for tracking and monitoring their own progress . Burn down chart is the part of the process. Project manager supports the team to overcome road blocks.

2.Which of the following statements are true with respect to scrum meeting?

a.Team will update the sprint burn down chart.

b.During the scrum meeting each team member will update 3 points(what he did since last scrum meeting , what is he going to do till tomorrow’s meeting, any impediments)

3.Extreme programming teams are amenable to changes within a spint.

True

4.on what basis , will you choose a framework for your tool ?

a.Reusability of automation codes

b.Minimal maintenance effort

c.Execution efficiency

5.In which of the following conditions does automation score over manual testing?

Select one:

a.All of the listed options

b.Accelerate testing process

c.Better test path coverage

d.Effective iterative regression testing.

6.which of the following is the framework developed by cognizant?

a.Junit

b.CRAFT

c.ECAF

d.Testing

7.How would you categorize the “waste” of having multiple issue tracking systems?

Select one:

a.Waiting waste

b.All of the listed options

c.Motion waste   
d.Knowledge waste

8.What role does source control play in a Devops org?

Select one:

a.Monitor the health of the system.

b.None of the listed options.

c.Controlled repository for code,configuration and infrastructure manifest.

d.Planning out each software release.

9.successful devops requires a new team dedicated to carrying out deployment and optimization tasks.

Select one

a.true

b.false

10.A defect can be linked to an entity like run step or test or run step.

Select one.

a.indirectly one

b.directly one

c.none of the listed

d.directly or indirectly

11.Each time when you add a new defect, from which of the following fields does alm store list of keywords?

Select one

a.Summary and subject fields.

b.Summary and Description fields.

c.summary field only

d.subject and description fields.

12.you can periodically update defects directly in which of the following?

Select one

a.Defects grid only

b.Defects grid or defect details dialog box.

c.Defect details dialog box.

d.None of the listed option

13.iphone simulator does not emulate an iphone processor, disk or memory constrains.

State true or false

Select one

a.true

b.false

14.Which of the following testing tools is an open source functional testing tool,designed for testing ios and android native applications, using record and playback method?

a.Monkey tool

b.selenium tool

c.Robotium tool

d.activity testing tool

15.chose the mvc frameworks that are executable at the client level from the below.

Select one or more

a.JSP

b.struts 2.0

c.Angular js

d.Backbone

16.Model does not depend on the controller or view.

Select one

a.true

b.false

17.Choose the Rule(s) for mvc from the following.

Select one or more

a.a view generates output based on the model changes

b.a controller sends the command to the model

c.The model represents the data and does nothing else.

d.The model does not depend on the controller or the view

18.volume testing checks on which of the following?

Select one

a.Robustnees and reliability of the system when handling large data.

b.Most complex situation

c.stability and reliability of the system

d.How the application scales with increase in number of users

19.Non-functional testing covers which of the following?

Select one.

a.security testing and performance testing.

b.unit testing

c.security testing

d.performance testing

20.Concurrent users are also known as:

Select one

a.Simultanious users

b.Active users

c.Peak users

d.Registered users

1.Identify 3 characteristics of Kanban.

a.Used more in operational environments where there are more frequent changes.

b.There are no prescribed roles in Kanban.

c.Work is done as and when it comes rather that in batches.

2.What are the disadvantages of waterfall method over agile projects?

a.Late feedback

b.Late identification of error

c.Changes are costly

3.Scrum and Kanban can be used at the same time. True

4.The potential benefits of automated testing is usually outlined in which phase ?

a.Decision to automate test

5.Which are not the features of good framework?

a.Maximum maintainence effort

6.Which of the following is the framework developed by cognizant?

a.Craft

7.Successful DevOps requires a new team dedicated to carrying out deployment and optimization tasks.

True

8.What is a way that DevOps can actually increase your systems security?

a.Mirrored dev,test and production environments means more accurate testing

b.Focus on quality up front

c.Quick patch defects resulting in faster delivery pipeline

9.Inconsistent environment can be a bottleneck to flow?

True

10.If a user want to display data in various modules, which type of graph should the user choose from the options listed?

a.Entity Graph

11.Im defects module,while reviewing and deciding which new defect to be fixed , the QA manager assigns

them to the appropriate

ANs Release and Cycle

12 you can periodically update defects directly in which of the following??

ans Defects grid or defect details dialog box

13.which of the following refers to making software ,specifically designed for a specfic locality??

ans Localization Testing

14.Which app is built for a specific platform with the platform SDK,tools and languages,typically provided by the platform

vendor select one:

ans Native

15.The View in MVC sends the button Click actions to Model

state True or False

False

16 Choose the Golden Rule(s) for MVC from the following

a.The model represents the data, and does nothing else

b.The model does NOT depends on the controller or the view

17.In Some cases ,controller and view can be Same Object

State True or Fasle

ans True

18.What is the Security test that is required to be done for a login page??

ans Password should be in encrypted format

19.The users who are authorized to the system are known as Regisrtered Users.

ans False

20.Load/Demand are which of the following types??

ans Average Peak

Q21.WHY IS IT IMPORTANT FOR PROGRAMMERS TO USE OBJECT-ORIENTED PROGRAMMING TO DEVELOP COMPUTER SYSTEMS?

ATTRIBUTES AND BEHAVIORS NEED TO BE DEFINED IN ONE OBJECT AND OTHER OBJECTS THAT REQUIRE THOSE ATTRIBUTES AND BEHAVIOR CAN INHERIT THE OBJECT

OBJECTS ENABLE PROGRAMMERS TO IGNORE DETAILS THAT THEY ARE NOT INTERESTED IN

FOCUSING ON OBJECTS MAKES IT EASY FOR PROGRAMMERS TO UNDERSTAND COMPLEX THINGS

Q22.IDENTIFY THE TWO THINGS WHICH ARE REQUIRED TO DEFINE AN OBJECT.STATE ONE OR MORE.

CHARACTERISTIC OF AN OBJECT

ACTION THAT AN OBJECT IS CAPABLE OF PERFORMING

Q23.WHICH OF THE FOLLOWING IS THE AUTOMATION OF THE BUILD AND DEPLOYMENT PROCESS,WHICH IN TURN WILL TRIGGER THE AUTOMATED SMOKE TEST SUITE?

CONTINUOUS INTEGERATION

Q24.WHAT IS SHIFT TESTING?SELECT ONE:

ALL OF THE LISTED OPTIONS

Q25.PROJECT TEAM SHOULD INVOLVETESTING TEAM DURING’CODE WALKTHROUGH AND REVIEW’ ACTIVITY IS A PRE-REQUISITE,FOR WHICH OF THE BELOW SHIFT LEFT LEVER?SELECT ONE:

CODE PROFILING

Q26.IDENTIFY THE VALID SHIFT LEFT LEVERS FROM THE FOLLOWING.SELECT ONE OR MORE:

REQUIREMENT VALIDATION

CONTINUOUS INTEGERATION

PRE-QA TESTING

CODE PROFILING

Q27.UML , IS A STANDARD LANGUAGE FOR DESIGNING AND DOCUMENTING A SYSTEM IN AN OBJECT-ORIENTED MANNER.STATE TRUE OR FALSE:

TRUE

Q28.INTERACTIONS BETWEEN OBJECTS TAKE PLACE IN WHICH DIAGRAM?

COLLABORATION

Q29.WHAT ARE THE THREE GOALS WE FOCUS ON WHEN CREATING UML DIAGRAMS?

VISUALIZE,SPECIFY AND DOCUMENT

Q30.WHICH OF THE FOLLOWING TYPES OF ERRORS ARE MISSED BY BLACK-BOX TESTING AND CAN BE UNCOVERED BY WHITE-BOX TESTING?

LOGIC ERRORS AND TYPOGRAPHICAL ERRORS

Q31.FOR WHITE BOX TESTING,THE BASIS OF TEST CASES IS DETAIL DESIGN DOCUMENT.STATE TRUE OR FALSE

TRUE

Q32.WHITE BOX TESTING IS UNDERTAKEN TO ENSURE WHICH OF THE FOLLOWING?

ALL OF THE LISTED OPTIONS

Q33.WHICH OF THE FOLLOWING IS NOT A WHITE BOX TECHNIQUE?SELECT ONE:

STATE TRANSITION TESTING

Q34.WHICH OF THE FOLLOWING DIRECTORY OF WEB SERVICE INTERFACE IS DESCRIBED BY WSDL?

UDDI

Q35.WHICH OF THE FOLLOWING IS A DIRECTORY SERVICE WHERE ENTERPRISES,REGISTER AND SEARCH FOR WEB SERVICES?

UDDI

Q36.TESTING REST WEB SERVICES CONSTITUTES WHICH OF THE FOLLOWING THREE LEVELS?

RESOURCE LEVEL,MESSAGE LEVEL,APPLICATION LEVEL

Q37.WHAT ARE THE ITEMS REQUIRED FOR THE RISE WORKFLOW?

ALL OF THE LISTED OPTIONS

Q38.RISK BASED TESTING(RBT) HELPS A PROJECT TO BALANCE RISK WITH PROJECT CONSTRAINTS SUCH AS,SCHEDULE,RESOURCE,AND COST.STATE TRUE OR FALSE.

TRUE

Q39.WHICH OF THE FOLLOWING IS THE RIGHT TOOL/FRAMEWORK THAT IS COGNIZANT’S UTILITY AND IS USED ONLY FOR RISK BASED TESTING(RBT)?

RISE

Q40.RISK EXPOSURE=IMPACT OF FALIURE\*PROBABILITY OF FAILURE.STATE TRUE OR FALSE.

TRUE

1. Identify an agile method which maintains engineering practices like automation, test driven development etc.

Select one.

1. Extreme Programming
2. Which of the following is the difference between Traditional PM and Agile PM?
3. Traditional PM- Project management office standardizes the process.

Agile PM- Project team facilitated by the Scrum master is responsible for defining, implementing and continuously improving the process. Project Manager Supports the team top achieve this.

1. Traditional PM- Tracks and reports progress. Manages overall cost and schedule.

Agile PM- Project team facilitated by the Scrum master is responsible for tracking and monitoring their own progress. Burn down chart is a part of process. Project manager supports the team to overcome the road blocks.

1. Who is responsible for prioritizing the product backlog?

b. Product Owner

1. Automation testing is cost effective in which of the following areas?
2. Resources
3. Time

c. Both

1. What would be the effects of not using an automation framework during automation?

c. increase maintenance cost

1. “Each test contributes to the specification of desired behavior”. Which is the feature pertaining to automation testing?

d)necessary

1. What is continuous testing in DevOps?

Testing is done throughout the process starting from Dev to prod.

1. Speed to market is a competitive advantage. True/False

True

1. What is the difference between over-production waste and over-processing waste?

Over-production is doing more work than needed; over-processing is making more product than needed.

1. The Project reports generated in HP ALM cannot be customized as per the template required for the report. State False/True.

False.

1. In Requirements module of HP ALM, requirement related topics are recorded by creating which of the following?

Ans. Requirement Tree.

1. From the given options, identify the valid option that lists out all architectural components of HP ALM.

Select one :

Ans. Client; Application Server; Database Server.

1. Which of the following are like native apps which run on the device and is written with web technologies (HTML 5, CSS and JavaScript)?

Select one :

Ans. Hybrid.

1. Performance testing, GUI testing, and compatibility testing should be done using actual devices. Even though these tests can be done using emulators, testing with actual devices is recommended

State true or False.

Select one:

Ans. True.

1. Choose the statements that apply to Controller from the following.

Select one or more:

Ans. I. Controller interprets user interactions

II. Controller requests data from Model

1. The MVC Web Architecture is basically an interaction between Browser, Page and Database.

State True or False.

Select one:

Ans. True

1. A model could be a single object , or a structure of objects.

State True or False.

Select one:

Ans. True

1. Choose the assistive tools used by physically challenged users from the following.

Select one or more:

Ans. I. Dragon Natural Speaking

II. JAWS

III. Non Visual Desktop Access

1. Load/Demand are which of the following types?

Select one:

Ans. Average, Peak

1. In ATAAS, how are units calculated?

Select one:

Ans. I. Based on number of functional flow

II. Based on number of images

1. Based on number of pages
2. Identify the type of polymorphism in which no time is lost in binding when the program runs i.e. binding is completed when the executable program is created.

Compile time polymorphism.

1. Identify the two things which are required to define an object.

Characteristic of an object.

Action that an object is capable of performing.

1. What is the objective of carrying out Defect Prevention activities in a testing cycle?

To minimize the number of defects and their severe impact on projects.

To address root causes of defects to prevent their occurrence later.

24. what is the name of cognizant proprietary toll that helps in modelling the requirement into activity diagrams and helps in automatic test case generation and regression suite identification using in-built path traversal algorithm?

Ans: ADPART

25. whais shift left testing?

Ans: All of the listed options

26. quality of a product is correlated to the number of defects, as well as the limitations imposed by time and money.

Ans: true.

27. component diagrams are useful with teams of larger size.

Ans: true

28. which of the following types of diagrams are related to behavioral modelling?

Ans: use case and sequence

29. which of the behavioral diagrams most resembles a flow chart?

Ans: activity diagram

30. which of the following is odd one out from the following?

Ans: functional

31. for white box testing the basis of test cases is detail design document?

Ans: true

32. what are the limitations of white box testing?

Ans: all of the listed options

33. what are prerequisites for white box testing?

Ans: access to application source code

34. registry services such as managing information about service providers, service implementation and service metadata is provided by which of the following?

Ans: UDDI

35. web services described architecture based on which of the following?

Ans: REST

36. which of the following statements are true?

Ans: i. in a messing based communication model, the clients sends an XML document and the server application receives the the XML as W3C document for processin. It is not mandatory for the service to send a response back to the client.

ii. In an RPC-based communication model, a service client invokes the exposed method and a response is returned.

37. what are items required for RISE workflow?

Ans: all of the listed options

38. risk inspired scenario evaluator(RISE) is a qualitative Risk Based Testing Utility, which enables the business and testing to prioritize requirements according to importance?

Ans: true.

39. what is the Formulae for Probability of Failure?

Ans: Sigma(P R F Weightage \* P R F Value)/ Sigma(P R F Weightage)

40. RISE=Risk Inspired Scenario Evaluator

Ans: true

Q1.Identify an Agile methodology which mandates engineering practices like Automation,Test Driven Development etc.

Ans: Extreme Programming

Q2.Which of the following is the recommended approach to design in Agile project?

Ans: Design Upfront as per need-it gives a good foundation to start from, and helps to mitigate risk ,without necessarily wasting time.

Q3.Which of the following meetings is not part of the Scrum?

Ans: Product Review Meeting

Q4.On what basis, will you choose a framework for you tool?

Ans: All of the listed options

Q5.What is the best way to reduce automation costs with valid assumptions?

Ans: Usage of open source automation tools

Q6.Test tool compatibility with the application and test environment is done in which of the following phase?

Ans: Test Tool acquisition ,

Test planning, design and development

Q7.How would you categorize the”waste” of having multiple issue tracking systems?

Ans: All of the listed options

Q8.What role does source control play in a DevOps org?

Ans: Controlled repository for code,configuration and infrastructure manifests

Q9.What is Continuous Testing in DevOps?

I.Testing is done throughout the process starting from Dev to Prod

II.Testing is done only in Testing Phase

Ans: Only I.

Q10.Converge analysis view displays which of the following information?

Ans: Number of requirements which have been covered and not covered

Number of Test Cases which have failed and passed

Number of defects logged against each requirement

1.Abstract method can be called within program-------- True

2.Which diagram is used to simplify the overall understanding of a complex application

Ans------ ER Diagram

3.In which of the following options ample opportunity will be provided for fine tuning the code

to adjust the functionality of the project

Ans-----Shift Left

4. In shift left approach,Testing activities usually carried out in testing phase of waterfall model are moved to which of the earlier phases listed below

a) Requirements

b) Development

c) Design

d) all the above

5.what is the name of cts proprietary tool that helps in modeling the requirements into activity diagram and helps in identification using in-built path

Ans-----ADPART

6. Project team should involve testing team during Code walkthrough and review activity is pre-requistie

Ans------ Code Profiling

7. Usecase diagrams specify how a user task is implemented----- False

8. Component diagrams are useful with teams of larger size----- True

9. what are the three goals we focus on when creating UML diagrams------

Ans----- Visualize,Specify,Document

10. Which of the following is the odd one out from the following

Ans------- Functional

Q.31 White Box Testing is mainly applicable to which levels of testing?

a. System Testing

b. Integration Testing

c. Acceptance Testing

d. Unit Testing

Q.32 The Exclusive use of White box testing in a test-phase will:

a. ensure the test item is adequately.

b. run the risk that the requirements are not satisfied

c. suffice for the unit testing phase

d. make the need for black-box testing redundant

Q.33 Which of the following is white box testing framework?

a. Clover

b. JUnit

c. TBurn

d. JTest

Q.34 Web Services describe architecture based on which of the following?

a. none of the listed options

b. Reusable Application Components

c. Remote Procedure Calls

d. Rest

Q.35 The Technology stack of Web services include which of the following?

a. HTTP

b. XML

c. SOAP UI

d. UDDI

Q.36 The base specification of WSDL defines which of the following WSDL binding extension?

a. HTTP GET &amp; POST binding

b. SOAP binding

c. Html binding

d. MIME binding

Q.37 What are the key features of ADPART?

a. Generates rule based test cases

b. perform regression analysis

c. all of the listed options

d. Helps in tracing requirments

e. Includes Model business flows

Q.38 How can we improve the quality of applications by using Risk Based Testing(RBT)?

a. Provide visibility into the risk of delivery(Go Live) based on the system stability at various levels of testing

b. Spend high effort, high cost

c. Test all critical business processes and associated critical sub processes thoroughly

d. Prioritize business fumctionalities

Q.39 Which of the following is the right tool/framework that is Cognizant’s Utility and is used only for Risk Based Testing(RBT)?

a. TNO

b. All Pairs

c. RISE

d. OAT

Q.40 RISE=Risk Inspired Scenario Evaluator

a. True

b. False

24. what is the name of cognizant proprietary toll that helps in modelling the requirement into activity diagrams and helps in automatic test case generation and regression suite identification using in-built path traversal algorithm?

Ans: ADPART

25. whais shift left testing?

Ans: All of the listed options

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Ans: true.

27. component diagrams are useful with teams of larger size.

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Ans: use case and sequence

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Ans: activity diagram

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Ans: all of the listed options

33. what are prerequisites for white box testing?

Ans: access to application source code

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Ans: UDDI

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Ans: REST

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Ans: i. in a messing based communication model, the clients sends an XML document and the server application receives the the XML as W3C document for processin. It is not mandatory for the service to send a response back to the client.

ii. In an RPC-based communication model, a service client invokes the exposed method and a response is returned.

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Ans: all of the listed options

38. risk inspired scenario evaluator(RISE) is a qualitative Risk Based Testing Utility, which enables the business and testing to prioritize requirements according to importance?

Ans: true.

39. what is the Formulae for Probability of Failure?

Ans: Sigma(P R F Weightage \* P R F Value)/ Sigma(P R F Weightage)

40. RISE=Risk Inspired Scenario Evaluator

Ans: true

1. In Scrum, it is recommended that a resource can play both product owner and scrum master role.

State true or false

Ans :False

2. What are the disadvatages of waterfall method over agile projects?

I.Late Feedback

II.Late identification

III changes are costly

Ans: I,II and III

1. A sprint Backlog is:

Ans:a set of high priority requirements taken by the team for the sprint

4.Which of the following are NOT the features of good framework?

Ans:Maximum maintenance effort

5.what is the best way to reduce automation costs with valid assumptions?

Ans:Reduce the number of automation resources

6:Automation Framework is a replacement for an automation tool.

State true or false

Ans:False

7.Identify the key aspects or principle behind DevOps

Ans:All of the Listed options

8. speed to market is a competitive advantage

State true or false

Ans:True

9.Identify the core operations of DevOps with respect to Application Infrastructure from the following.

Ans:Deployment,configuration,Provisioning

10. when defining a test configuration,you define data by setting test parameter values for each test configuration state true of false

Ans:True

11. From the given options,identify the valid option that lists out all architectural components of HP ALM

Ans:client,application server,database server;

12. In Requirements moduke of HP ALM,requirement related topics are recorded by creating which of the following?

Ans:Requirement Tree

13. Which app is built for a specific platform with the platform SDK, tools and languages, typically provided by the platform vendor?

Ans: Native

14. What are the main challenges of mobile application testing?

Ans: all of the listed options

15.Choose the statements that apply to controller from the following

Ans: Controller requests data from Model, Controller interprets user interactions.

16.Model-View-Controller(MVC) is a software architecture pattern for developing windows application.

It is handled by three logical components.

Ans:False

17 A model could be a single object,or a structure of objects.

State True or False

Ans:True

18. which of the following are the application areas of security testing ?

I.web application

II.mobile application

III.Internet of things

IV.Data Warehousing Projects

Ans: I,II,III and IV

19. Identify the screen reader for android device from the following.

Ans:Talk back

20. which of the following is NOT a valid Performance Test?

Ans: Functional Test

21.which is the type of inheritance in which two or more levels of inheritance exist, and each level consists of parent-child relationship?

Ans: level Inheritence

22. which of the following programming languages supports usage of Interface?

Ans: Java,C++,C#

23.Shift Left model approach of quality assurance is a lot like Reactive care

State True or False.

Ans: . False

24.which of the following is the automation of the build and deployment process,which in turn will trigger the automated smoke test suite ?

Ans: Continuous Integration

25.In ShiftLeft approach, QA is involved in all the phases of SDLC such as requirements,design,development,test and implementation

Ans: True

26 project team should involve testing team during ‘code walkthrough and review’ activity is a pre-requisite, for which of the below shift left lever?

Ans: Code Profiling

27. Unified Modeling language(UML), is a standard for designing and documenting a system in an object-oriented manner.

State True or false

Ans: True

28. which of the structural diagrams best help in budgeting the hardware required for the system?

Ans: Deployment Diagram

29.states are indicated to mention the mile stones of processing in the activity diagrams.

State true of false

Ans: True

30. Which of the following is the odd one out from the following?

Ans: Functional

38-risk inspired scenario evaluator(rise) is a qualitative risk based testing utility ,which enables the business and testing to prioritize requirements according to importance.state true or false.

True

39-what is formula for probability of failure?select one:

∑(probability risk factor weightage \* probability risk factor value)/∑(probability risk factor value)

40-oats(orthogonal array testing strategy) is a systematic and statisticakl way of testing pair-wise interactions.state true or false

True

37-what are the key features of adpart?

All of the listed options

36-testing rest web services constitutes which of the following three levels?select one or more:

35-the base specification of wsdl defines which of the following wsdl binding extension?

Mime binding

Soap binding

http get &amp;post binding

34-the code components,registry and repository,business processes,trading partner agreements are defined in which of the following styandards of web services

e-business xml(ebxml)

33-what is the other name for white box testing

All of the listed options

32-the exclusive use of white box testing in a test phase will

Run the risk that the requirements are not satisfied

31-the process of examining the source code of a project by an unbiased engineer to validate the design and implementation of a product at the most basic level is called:

Code review

19-non functional testing covers which of the following ?

Ans-security testing and performance testing

20-concurrent users are also known as –

Ans-active users

21-from the given options identify the valid behaviors of the order form as seen in the attached image

Ans-process order

22-which of the following technique is used to link together the related attributes and procedures to form an object ?

Ans-encapsulation

23-what is the objective of carrying out defect prevention activity in a testing cycle ?

Ans-To address root causes of defects to prevent their occurrence later

24-in shift left approach , even automation and non functional testing plans can get started in early phases like , requiremet and design phase (T/F)

Ans-FALSE

25-in shift left approach , QA is involved in all the phases of the sdlc such as requirements , design,development,test and implementation (T/F)

Ans-TRUE

26- in shift left approach,testing activities usually carried out in testing phase of waterfall model are moved to which of the earlier phases listed below ?

Ans-design

Development

Requirements

27-states are indicated to mention the milestones of processing in the activity diagram (T/F)

Ans-TRUE

28-use case diagram specifies how a user task is implemented (T/F)

Ans-FALSE

29-interactions between objects takes place In which diagram ?

Ans-collaboration

30-statement coverage will not check for which of the following ?

Ans-missing statements

31-which of the given methods describes static testing ?

Ans- code gap analysis by use of sequence diagram

32-deep structure testing is not designed to which of the following ?

Ans-exercise structure observeable by the user

33-when is white box testing performed ?

Ans-early in the testing process

34-the core components , registry and repository, business processes,trading partner agrements are defined in which of the following standards of web services ?

Ans-e-business XML(ebXML)

35-web services described architechture based on which of the following ?

Ans- REST

36-which of the following satements are true ?

Ans-

1)in an RPC-based communication model, aservice clint invokes the exposed method and a response is returned.

2)in a messageing based communication model , the clients sends an XML document and the server application receives the XML as a W3c document object for processing . it is not mandatory for the service to send a response back to the client

37-what are the items required for RISE workflow?

Ans-RBT planning

Overall test coverage

Requirement and functionality risk analysis

38-risk based testing (RBT) helps a project t balance risk with project constraints such as schedule, resource ,cost (T/F)

Ans- TRUE

39- the probability of failure defines the likelihood of a particular failing functionality and the impact of failure defines the impact of not detecting the failure

Ans-TRUE

40-what is ADPART?

Ans-A model driven approach towords testcase generation and regression suite identification

Q. In SCRUM, when testing done?

1. At the end of the project, just before the release date as it is more efficient.
2. During the sprint and at the end of the sprint, just before the sprint end date as it is more efficient.

Ans: Only 2

Q. Which of the following statements are true with respect to Scrum meeting?

Ans: Team will update the sprint burn down chart

During the scrum meeting each team member…..

Q. Which Agile methodology has “Stop starting, Start finishing” as one of the key philosophies?

Ans: Kanban

Q. Which of the following are not the features of good framework?

Ans: Maximum maintenance effort

Q. Which of the following are basic necessities for an automation approach?

Ans: All the listed option

Q. It is possible to automate an application with automation framework but without using any tool?

State True or False

Ans: False

Q. Which is a way that DevOps can actually INCREASE your systems security?

Ans: All the listed options

Q. Inconsistent environments can be bottleneck to flow?

Ans: True

Q. Identify the popular Devops tool from the following Select one or more

Ans: GIT

Docker

Nagios

Q. Coverage analysis view displays which of the following information?

Ans: Number of Test Cases which have failed and passed

Number of requirements which have been covered and not covered

21.Why is it important for programmer to use object-oriented programming

To develop computer system?

Ans:

a.Focusing on objects makes it easy for programming to understand complex things.

b.Objects enable programmers to ignore details that they are not interested in

c.attribues and behviour need to be

22.Identify the type interitance in which child inherits from multiple parents ,but no relationships

Exists among those parents.

Ans:

Multiple inheritance

23.What is shift left testing?

Ans: All of listed options.

24.Shift left is to enable early defect detection?

Ans: True

25. What are the advantages of adopting shift left right concept in testing

A product or an application?

Ans: improved quality, faster time to market, reduced cost

26.Shift left model approach of quality assurance is a lot like Reactive care.

Ans: false

27.Why might you place an annotation ,or on diagram?

Ans: To explain details that might be difficult to model or read from the diagram.

28.Interaction between object take place in which diagram?

Ans:collaboration

29.Component diagram are useful with teams of larger size.

Ans : True

30.which of the types of error are missed by black-box testing and can be uncovered by white –box testing.

Ans: . logic errors and typographical errors

11. You can periodically update defects in which of the following?

a. Defect details dialog box only

b. Defects Grid or Defect details dialog box only

c. Defects Grid only

d. None of the listed options

12. In Requirements module of HP ALM, requirement related topics are recorded by creating which of the following?

a. Requirements Plan

b. Requirements tree

c. Requirements generator

d. Requirements cycle

13. Which of the following is the integrated development environment that manages your application projects and lets to edit,compile, run and debug code?

a. Xcode

b. None of the listed options

c. DDMS

d. Mobile device management(MDM)

14. iPhone simulator does not emulate an iPhone processor, disk drive or memory constraints.

a. True

b.False

15. The View in MVC sends the button Click action to Model.

a. True

b. False

16. Choose the Golden Rule(s) for MVC from the following.

Ans-both

a.The model represents the data and does nothing else

c.The model does not depend on the controller or the view

17. A model could be a single object, or a structure of objects.

Ans- True

18. Volume testing checks on which of the following?

Ans- Robustness and reliability of the system when handling large data

19. Identify the challenges in the traditional models of non-functional testing from the following.

Ans- both

a.Testing tool dependency

b.Ownership and maintenance of the tools and test infrastructure

20. Identify the CORRECT order of the stages of Software Development Life Cycle from the following.

Ans- a. Requirement Analysis, Design, Development, testing, release, maintenance.

31.The process of examining the source code of a project by an unbiased engineer,to validate the design and implementation of a product at the most basic level is called

Ans:-Code review

32. Code coverage is used as a measure of which of the following?

Ans:- Test effectiveness

33. What are the prerequisites for white box testing?

Ans:-Access to the application source code

34. Which of the following is a directory service where enterprises, register and search for web services?

Ans:-UDDI

35.Which of the following statements are true?

Ans:- a. In an RPC-based communication model a service client invokes the exposed method and a response is returned

b. In a messaging-based communication model,the client sends an XML document and the server application receives the XML as a W3C document object for processing.it is not mandatory for the service to send a response back to the client

36. Which of the following directory of web service interface is described by WSDL?

Ans:-UDDI

37. what are the items required for the rise Workflow?

Ans:- All the listed option

38. Requirement are prioritized in the conventional testing approach.

Ans:-True

39. Which of the following is the right tool/framework that is cognizant’s utility and is used only for Risk Based Testing(RBI)?

Ans:- Rise

40. Rise= risk inspired scenario evaluator

State true or false.

Ans:- true

1.How should work be allocated to the team in an Agile project?

i.The Project Leader should give tasks to individuals to create challenges for them

ii.Tasks should be randomly allocated using Planning Poker

iii.Team members should self-select tasks

iv.The biggest tasks should be done by the Project Leader themselves

Sol: Only iii

2.In SCRUM, when is testing done?

i.At the end of the project, just before the release date as it is more efficient

ii.During the sprint and at the end of the sprint,just before the sprint end date as it is more efficient

Sol: Only ii

3.A sprint backlog is

Sol: A set of high prioirty requirementstaken by the team for the sprint

4.On what basis will you choose a framework for your tool?

Sol: All of the listed options

5.Automation testing is cost effective in which of the following areas?

i.Resources

ii.Time

Sol: Both i and ii

6.Which of the following will NOT suit automation framework?

Sol: Maintenance effort will be higher

7.Successful DevOps requires a new team dedicated to carrying out deployment and optimization tasks.

Sol: True

8.Speed to market is a competitive advantage

Sol: True

9.What is a way that DevOps can actually INCREASE your systems security?

Sol: All of the listed options

10.If a user wants to display data from various modules,which type of graph should the user choose from the options listed below?

Sol: Entity graph

11.From the given options,identify the valid options that lists out all architectural components of HP ALM

Sol:Client;Application Server;Database Server

12.In Defects module, while reviewing and deciding which new defects need to be fixed, the QA manager assigns them to the appropriate

Sol:Release and cycle

13.Which app is built for a specific platform with the platform SDK tools and languages,typically provided by the platform vendor?

Sol:Native

14.Which of the following are like native apps which run on the device and is written with web technologies ( HTML5,CSS and JavaScript)?

Sol:Hybrid

15.Choose the MVC Frameworks that are executable at the client level from the below

Sol:Angular JS

Backbone

16.Model-View\_controller(MVC) is a software architecture pattern fro developing windows application.It is handled by three main logical components

Sol:False

17.The View in MVC sends the button Click actions to Model

Sol:False

18.The challenges of traditional models of non-functional testing have been conquered through which of the following?

Sol:Security Testing methodologies

Performance testing methodologies

19.Identify the assistive tools used by visually challenged users from the following

Sol:NonVisual Desktop Access(NVDA)

20.What is Penetration Testing?

Sol:Vulnerability scanning,manual assessment and exploitation

21.Student name is an attribute and a student's first name and last name are data

Sol:False

22.Which of the below techniques provides us a way to define similar behavior to work with different types of data,by writing different versions of a method for each data type that is used?

Sol:Overloading

23.Project team should invlolve testing team during "Code Walkthrough and Review' activity is a pre-requisite for which of the below Shift Left lever?

Sol:Code Profiling

24.In shift Left approach,Testing activities usually carried out in testing phases of waterfall model are moved to which of the earlier phases listed below

Sol:All of the listed options

25.Which of the following is the automation of the Build and Deployment Process,which in turn wll trigger the automated Smoke Test Suite?

Sol:Continuous Integration

26.What are the advantages of adopting Shift Left right concept in testing a product or an application?

Sol:Reduced cost

Improved quality

Faster time to market

27.Interactions between Objects take place in which diagram

Sol:Collaboration

28.Unified Modeling Language(UML) is a standard language for designing and documenting a system in an object-oriented manner

Sol:True

29.Which of the structural diagrams best defines the replaceable parts of a system?

Sol:Component diagrams

30.Statement Coverage will NOT check for which of the following?

Sol:Missing statements

31."Inserting some print statements in between to check whether the program control passses through all statements and loops" is a type of

Sol:Dynamic white box testing

32.What is the type of testing employed in the below scenario?

Codes for two units/modules for designing test cases and actual test are conducted using the exposed interfaces

Sol:Integration testing

33.When is White Box Testing performed?

Sol:Early in the testing process

34.Service Transport,XML Messaging,Service Description and Service Discovery are four layers of which of the following ?

Sol:web service protocol stack

35.The core components,registry and repository,business processes,trading partner agreements are defined in which of the following standards of web services?

Sol:e-business XML (ebXML)

36.Which of the following statments are true?

Sol:In an RPC-based communication model,a service client invokes the expressed method and a response is returned

In a messaging-based communication model,the client sends an XML document and the server application receives the XML as a W3c document object for processing.It is NOT MANDATORY for the service to send a response back to the client

37.What are the key features of Risk Based Testing(RBT)?

Sol:All of the listed options

38.How can we impove the quality of application by using Risk Based Testing(RBT)?

Sol:Prioirtize business functionalitities

Provide visibilty into the risk of delivery(Go Live) based on the system stability at various levels of testing

Test all critical business processes and associated critical sub processes thoroughly

39.What is the Formule for Probability of Failure?

Sol:(probability Risk Factor weightage\*Probabilty Risk Factor Value)/(Probability Risk Factor Weightage)

40.RISE=Risk Inspired Scenario Evaluator

Sol:True