1. Which of the following statements are true?

I. Unit testing is executed by developer

II. In Unit testing individual functions or procedures are tested

III. It is kind of white box testing

select one

a. I,II, III

b. Both I and II

c. Only I

d. Only II

2. public final class Constraints

{

Public Static final String DEFAULT\_ROLE="EMPLOYEE",

}

What does the above statement indicate?

a. None of the Listed

b. EMPLOYEE role information set in the field

c. syntax errors

d. creating the constraints file to make use of the defined constraints in other class

e. DEFAULT\_ROLE set to EMPLOYEE field

3. Which of the following is true?

a. the requirement document describes how the requirements that are listed in the document are implemented efficiently

b. consistency and completeness of functional requirements are always achieved in practice

c. Prototyping is a method of requirements validation

d. requirements review is carried out to find the errors in system design

4. Providing full time application support through multiple shifts and by operating at different time zones and countries is known as

a.Follow-the-support model

b.Follow-the-sun model

c.Follow-the-moon model

d. none of these

5. If l0/l1 team is unable to find the resolution in the knowledge database, whom do they contact for further troubleshooting?

a. L3 support

b. L4 support

c. none of these

d. L2 support

6.Which of the following are the best practices?

I. Move all the hardcoded values to the constant file.

II. Have log file to log all the activities.

III. Better to catch general exceptions than specific exceptions.

Select one:

a.All of the listed options

b.Only III

c.Only I and II

d.Only II and III

7. \_\_\_\_\_\_ is the process of applying as much creativity as possible and validating the application against invalid data.

Select one:

a.White box Testing

b.Sanity Testing

c.Negative Testing

d.Regression Testing

8. The detailed study of existing system is referred to as:

Select one:

a.System Planning

b.System Analysis

c.Feasibility Study

d.Design DFD

9.Through Shift Left Methodology, the knowledge flows from\_\_\_\_\_\_\_\_\_.

Select one:

a.L4,L3,L2toL1

b.L1,L2,L4toL4

c.L1.L2,L4toL3

d.L1,L3,L4toL2

10. Which key constraint can accept null value

Select one:

a.Check

b.Unique key

c.Primary key

d.Foreign key

11. If an urgent RFC is raised , which board needs to take an immediate action?

Select one:

a.ECAB(Emergency Change Advisory Board)

b.ECAB(Exclusive Change Advisory Board)

c.None of the listed options

d.CAB (Change Advisory Board))

12.The ability to resolve known incidents in known error resolution services in --- downtime to the business, which in turn means ----- availability of the service?

Select one:

a.Lower, higher

b.Lower,Lower

c.higher,higher

d.higher,Lower

13.question is not clear

14.which key attributes of incidents handling, refers to the time when the solution to the problem was found and the work started?

Select one:

A.Status Time

B.Response Time

c.Resolution time

D.Restoration Time

15.L2 support team provides ----- for solving basic technical problems

Select one:

a.Output to L3 support team

b.Output to L0/L1 support team

c.Input to L0/L1 support team

d.Input to L3 support team

16. Benchmarking is the process of comparing one business process and performance metrics to industry bests or best practices from other industry and setting up a target level for each of the metrics.

True

False.

17. what are the advantages of exception handling

Select one or more:

a. None of the listed options.

B. In Exception handling, generic Exception object can be extended to any specific type of exception

c. Exception handling maintains the normal flow of the application

d. With the exception handling mechanism, the developer can write their code much "cleaner" and have exception automatically handled

e. With the exception handling mechanism, when an exception occurs, the execution of the program is transferred to an appropriate exception handler and terminate the program

18.Which of the following is the incident status correct order?

Selected one:

a.None of the listed options

b.New, Active,Resolved,Closed

c.Active,New,resolved,Closed

d.New,Resolved,Active,Closed

19. design document is to developers

Select one:

a.blueprint

b.handbook

c.Reference Material

d.Guide

20.Application Consolidation services focuses on consolidating multiple application which are \_\_\_\_\_\_\_ in nature to cohesive IT application landscape

Select one:

a.dissimilar

b.similar

c.unrelated

d.disconnected

21. which SERVICE HAS THE PRIMARY OBJECTIVE as to prevent problems before happening to production environment?

Select one:

a.Continous Build & Release

b.Application Strengthening

c. Compliance & Regulatory Updates

d.Release Planning

22.which process grants authorised users the right to use a service

Select one:

a.access management

b.Event management

c. Problem Management

d.Incident management

23.which statement can enclose a continue statement

a.while , do , for , or foreach

b.try,while,do,for,or foreach

c.switch,while,do,for,or foreach

d.while,do,for,or foreach

24. What is the use of creating an index in the table ?

Select one:

a.To increase the performance of the table

b.All the listed options

c.To order the records in the table

d. To search the records in the table

25.what is the difference between white box testing and black box testing

Select one:

a.White box testing is testing on the QA environment and Black box testing is testing on the UAT environment

b. All the listed options

c.White box testing requires the knowledge of the structure of the code and black box testing is done to test the business requirement at a high level

d.Whitebox testing is done by the testing team and bleck box testing is done only by the developer during development.

26. Activities in traditional AVM model are broadly classified under

I.Application/Production support

II.Bug Fix

What is the third one?

Select one:

a.Enhancements

b.Product upgrade

c.Ad hoc Requests

d.Batch Monitoring

27. The key analysis involved in feasibility analysis is/are

Select one:

a.Economic

b.Technical

c.Behavioral

d.All of the listed options

28. Which of the following is NOT an outcome of Best Practices in AVM engagement

Select one:

1. Efficient and Effective Operations

improve Reliability

improves Customer Satisfaction

d.Increased Manitenance and Operating costs

29. In which phase of the AVM Lifecycle are the customer's requirements actually fulfilled

Select one:

a.None of the listed options

b.Initiation and Planning Phase

c.Service Phase

d.Knowledge Transition Phase

30. If an incident is not responded to/resolved within the defined SLA time limits, it is considered as

Select one:

a.SLA Breach

b.SLA Met

c.Penality Clause

d.None of the listed options

31.\_\_\_\_activity is a part of support and it is required for any customer business availability/continuity.

Select one.

A-Monitoring

B-online processing

C-analyzing

D-testing

32. ...... is harder for complex systems in particular, when various subsystems are tightly coupled as changes in one system or interface may cause bug to emerge in another .

Select one.

A-compilation

B-testing

C-debugging

D-execution

33.select ename, sal FROM emp WHERE deptno=(SELECT\*FROM dept WHERE lock='NEW YORK');

what will be the output of the above example?

SELECT ONE:

A-will throw an error

B-will give multiple record

C-will display nothing

D-will give single record

34. What are all the services under Product Engineering Services??

A-white box testing, black box testing

B-test automation and black box testing

C-test automation and white box testing

D-none of the listed options

35. why should the team have project demo to the customer on a regular basis?

Select one:

A-to ask the customers feedback on the developed user stories.

B-all of the listed options

C-to showcase that the requirements of the highest business value to the customer have been prioritized and developed for the customer

D-to make him feel confident that his requirements are being developed the way it is expected.

36. In AVM projects, inefficient processes leads to \_\_\_\_\_ productivity and \_\_\_\_\_ support costs.

Select one:

A-higher, increased

B-lesser, decreased

C-lesser, increased

D-higher, decreased

37.In AVM, Best Practices can be categorized under which of the following?

Select one:

A-All of the listed options

B-Transformation

C-Effectiveness

D-Innovation

E-Efficiency

38.Which support level majorly deals with unknown incidents?

Select one:

A-L3 Support

B-L4 Support

C-L2 Support

D-L0/L1 Support

39.Design documents does not contain details on the infrastructure associated with the system.

State true or false.

A-True

B-False

40.what is the exception that should be raised by the below situation?

{

try

{

result=num1/num2

}

catch(-----e)

Select one:

a-OutOfMemoryException

b-DivisionError

c-DivideByzeroException

d-ApplicationError

41.Service portfolio management ensures we don’t waste money with excess capacity.

true or false?

a. true

b. false

42.What are the various purposes of Business requirement document(BRD) ?

Select one:

1. A BRD details the business solution for a project including the documentation of customer needs and expectations
2. b- A BRD is a formal document that provides a contract between supplier and client.

c- A BRD contains detailed project plan and design

d- A BRD effectively defines the scope of the project.

43. Design document details? select one or more

a- How the requirements should be implemented

b- software to be used

c- technology to be used in development

d-Architecture design of the system

44.Which step of SDLC performs cost/benefit analysis?

Select one:

a- Feasibility study

b- Analysis

c- Design

d- none of the above.

45.In which ITIL service lifecycle phase is the value of services actually realized by a customer?

Select one:

a-Service transition

b-Service operations

c-Continual Service improvement

d-Service design

46. Which service manages the versions of the code base, ensures retrofitting the code and ensures planning,scheduling, and execution of a successful build?

Select one:

a) Application Strengthening

b) Continuous Build & Release

c) Release Planning

d) compliance & Regulatory Updates.

47. Which of the following statement is false?

Select one:

a) The process of destroying unreferenced objects is called Garbage Collection

b) None of the listed options

c) Garbage Collector frees the memory occupied by the unreachable objects during the program execution

d) An object becomes eligible for garbage collection when no live thread can access it

e) Heap part of the memory is involved in Garbage Collection

48. Select the validations that are applicable for the text box field.

Enter username

[Submit]

Select one or more:

a) Should check if the text box is null

b) Must check the special characters

c) Should check whether the user has access

d) Should check the number of characters

e) All of the listed options -------------

49. \_\_\_\_\_\_ is the only trigger type you can have on any type of view.

Select one:

a) Insert trigger

b) Delete trigger

c) Instead-of trigger

d) Row trigger

50. What will be the result of the following SQL when executed?

SELECT TOP 10[Name]

FROM [GLS2\_PROD ].[dbo].[tblAssociate]

Sample Data ID Name

31208 Rajashekar Gupta P

103210 Nagarajan,Rajeswari

Select one:

a) Returns Null

b) Returns top 10 Names in the table

c) Returns top 10 rows in the table

d) Syntax error in the SQL

51. Primary Key in a table can have null value. State True or False.

Select one:

True

False

52.identify the benefit of CSI

ALL --------

53.WHICH OF THE FOLOWING IS NOT COVERED BY L0/L1 SUPPORT TEAM

promote enhancement changes to production by working with roles management team

54. which analysis prevents the recurrence of incidents or prevents incidents even before they happen and lead to automation to reduce manual interventions, errors and efforts in L2 support?

I. Reactive analysis

II. Proactive analysis

a. I

b. Neither I nor II

c. II

d. Both I and II

55. which of the following statements are true?

I. A well written logging code offers quick debugging, easy maintenance, and structured storage of an application's runtime information.

II. LOG.info("Data base operation failed. Check your SQL connection") statement logs the above lines in logger for best understanding.

a. Only II

b. Only I

c. Neither I nor II

d. Both I and II

56.unit testing done by tester true or false?

57.Breaking the system modules into smaller programs and allocating these programs to the members of the system development team is the activity involved in ..............

A. System Design Phase

B. System Development Phase

C. System Analysis Phase

D. System Implementation Phase

58.What is meant by Response time ?

Response time refers to the time when the initial response was given by the production support team -----

59.Which service identifies and maintains a record of all installed applications?

Application License Management

60.How to identify performance od select Query?

a.Using hint

b.Using Explain plan

c.Table statistics

d.Using Dbms\_sql

61.In CR process who sets priority for request determined by committee?

Change MANAGER -----

62.Unit testing is commonly automated but cannot still be performed?

True/False

63.High level design gives the overall system design in terms of functional architecture and database design? T or F.........

True

64.In which step of SDLC project termination done?

a. design phase

b. System maintenance phase

c. Feasibility study phase

d. Coding phase

65.Continual service improvement is \_\_ type of initiative?

a. Run better

b. Productivity improvement

c. Optimization

d. Efficiency improvement

66.L2 is support team is \_ of functional escalation for

L0&L1 teams?

1ST LEVEL

67.Function point sizing is dependent on technology ... T or f?

68.Providing uninterrupted access to apps and system and ensuring app availability is the main objective of AVM ... T or f?

69.Which one is not an outcome of best practice in AVM engagement .

a.efficient and effective operations

b.increased maintenance and operation costs.

C. Improves reliability.

D.improves customer satisfaction

70.Which of the following are the best practices?

I.Move all the hardcoded values to the constant file

IIhave log file to log all the activities

III.Better to catch general exceptions than specific exceptions(SQLexception,Arithmetic Exceptions)

Select one:

a.Only II andIII

b.Only I and II

c.Only III

d.All the listed options.

71.What type of testing is performed by independent testing team/testing service?

Select one:

a.Smoke Testing/Regression Testing/UAT/Unit Testing

b.Unit Tseting?System/Functional Testing?SIT,Regression testing,UAT

c.unit Tseting/SIT/UAT

d.System/Functioanl Testing/SIT,Regression Testing,UAT

72.Which key attributes of incident handling,refers to the time when the solution to the problem was found and the work started? Select one:

a.Resolution Time

b.Restoration Time

c.Status Time

d.Response Time

73. Through Shift left Medhodology,the knowledge flows from\_\_\_\_\_\_\_\_\_\_

Select one:

a. L1,L2,L4toL3

b. L4,L3,L2toL1

c. L1,L2,L3toL4

d. L1,L3,L4toL2

74. Which of the following are true?

Select one:

a. The requirements document describes how the requirements that are listed in the document are implemented efficiently

b. Consistency and completeness of functional requirements are always achieved in practice.

c. Prototyping is a method of requirements validation

d. Requirements review is carried out to find the errors in system design.

75. Why should the team have Project demo to the customer on a regular basis?

Select one:

a. To make him feel confident that his requirements are being developed the way it is expected

b. To showcase that the requiremnts of highest bussiness value to the customer have been priortized and developed for the customer.

c. To ask for the customers feedback on the developers user stories

D. aLL THE LISITED OPTIONS

76. Function point Sizing is dependent on technlogy.

State True or False

a. True

b. False

77. Which master service of AVm managed services catalog focuses on long-term functionality,stability and preventive maintainance to avoid problems thta typically arise from incomplete or short-term solutions?

Select one:

a. Governance Services

b. Managed production Services

c. Product Services

d. Managed Application Services.

78. which of the following statements are true?

I. Unit Testing is executed by the developer

II. In Unit Testing,individual functions or procedures are tested

III. It is kind of white box testing. Select one:

a. Both I and II

b. I,II and III

c. Only I

d. Only II

79. How much time should a daily standup usually take? Select one:

a. One Hr

b. 20-40 Min

c. 10-15 min

d. Depending upon the team's clarifications and the amount of issues to be discussed.

80. In legacy AVM service phase activities can be catogorized as which of the following ? Select one:

a) production support

b) maintance

c) all of the listed options

d) enhancements

81.how many phases are there in ITIL service life cycle? Select one:

a. Four

b. Three

c. Six

d. Five

82. Application services such as functional enhancements, business solution delivery and environment management services are performed by which support group? Select one:

a. L2 Support

b. L4 Support

c. L3 Support

d. L1 Support

83. In which step of SDLC are enhancements, upgrades and bug fixes done??

a) maintenance and evaluation

b) problem/opportunity identification

c) design

d) development and documentation

84. In which phase of the AVM lifecycle are the customers requirements actually fulfilled?

a) none

b) initiation and plannning phase

c) service phase

d) knowledge transition phase

85. minor enhancements are handled by which support team ? Select one:

a) L2

B) NONE

c) L3 support team

D) L4

86. Which of the following is NOT a benefit of Data Migration Service? Select one:

a. Eliminates the risk of losing data.

b. Meets regulatory and compliance requirements for data retention.

c. Decreases system/product productivity and performance while minimizing disruption due to data loss. d. Maintains integrity and availability of data to support business decisions.

87. Which service provides real time monitoring of all jobs and constantly checks the status of the jobs? Select one:

a. Application monitoring service.

b. Batch Scheduling/Execution Service.

c. Batch monitoring service

d. Mailbox and Ticketing Tool Monitoring Service.

88. Enhancement services , assessment services and transformation services are rendered by l4 support team? Select one:

True

FALSE

89.\_\_\_\_\_\_\_\_\_ is the only trigger type you can have on any type of view. Select one:

a) Insert trigger

b) instead of trigger

c) delete trigger

d) row trigger

90. What is/are service benefit(s) for Application Problem Management service? Select one:

A-All of the listed options

B-Reduction of effort in fire-fighting or resolving repeated incidents

C-Lesser productivity of business and IT

D-Increased effort on workarounds and temporary fixes

91. AVM projects faced lot of challenges prior to Service catalog approach.State true or False.

A-True

B-False

92. Which service in MAS, follows SDLC phases and manages end to end delivery from design, System Testing,Release Planning, Go live support and post production support? Select one:

A-Functional Enhancements

B-Application Integration Services

C-Application Strenghtening

D-Release Planning

93. Which step of SDLC performs cost/benefit analysis? Select one:

A-Feasibility Study

B-Analysis

C-Design

D-None of the following options.

94. Which support level deals with unknown incidents? Select one:

A-L4 support

B-L0/L1 support

C-L2 support

D-L3 support

95. One of the more challenging aspects of change management is ensuring that all details of changes

are sufficiently documented and all parties are in agreement as to what is expected. State true or False.

True

False

96. What will be the result of the following SQL when executed?

SELECT TOP 10[Name]

FROM [GLS2\_PROD ].[dbo].[tblAssociate]

Sample Data

ID Name

31208 Rajashekar Gupta P

103210 Nagarajan,Rajeswari

103549 Balagoplan, Narayanan

Select one:

1. Returns top 10 Names in the table
2. b- Returns top 10 rows in the table

c- Returns Null

d- Syntax error in the SQL

97. which of the following statements are true?

I. A well written logging code offers quick debugging, easy maintenance, and structured storage of an application's runtime information.

II. LOG.info("Data base operation failed. Check your SQL connection") statement logs the above lines in logger for best understanding.

a- Only I

1. Both I and II
2. c- Neither I nor II

d- Only II

98. L2 support team provides\_\_\_\_\_\_\_\_\_\_\_ for solving basic technical problems. select one

a- o/p to L3 support team

1. i/p to L0/L1 support team
2. c- i/p to L3 support team

d- o/p to L0/L1 support team

99. what is the exception that should be raised by the below situation ?

public void division(int num1, int num2)

{ try

{ result=num1/num2

}

catch(-----e)

Select one :

a. DivideByzeroException

b. OutOfMemoryException

c. DivisionError EXecption

d. ApplicationError

100. Define product upgrade service

I. Focuses on analyzing the current implementations, IDENTIFYING CLIENT specific customizations, conducting a feasibility study, preparation of a comprehensive upgrade roadmap and executing the same

II. Focuses on to achieving a complete product integration through progressive assembling of product components in a single stage or in incremental stages, with a defined integration strategy and procedure

Select one :

a. I only

b. Both I and II

c. Neither I nor II

d. II only

101. which of the following UML diagram represents the relationship among the classes? Select one:

a. Use Case Diagram

b. Class Diagram

c. Sequence Diagram

d. Activity Diagram

102. What does ITIL stands for? Select one:

a. Information Technology Ideal Library

b. Information Technology Infrastructure Library

c.Information Technology Interactive Library

d.Information Technology Intelligence Library

103.\_\_\_\_\_ is a method or technique that has consistently shown results superior to those achieved with other means and that is used as benchmark. Select one:

a. Best practice

b. Process

c. Scheme

d. System

104. A design document contains declaration for all new classes, procedures, global and class variables and the description of all new procedures. state true or false

a. True

b. False

105. Define CMDB

I. It is a database that contains information about configurable IT components along with relationship between these components

II. It is repository of information that describes all of the conditions in your IT system that might result in an incident for your customer and users. Select one :

a. Only II

b. Neither I nor II

c. I only

d. Both I and II

106. CSi is one of the key focus areas in ITIL framework. True/false

a. True

b. False

107. What are the various purpose of Business requirement document (BRD)? select one or more

a. BRD details the business solution for a project including the documentation of customer needs and explanation

b. BRD is formal document that provides a contract between supplier and client

c. BRD contains the detailed project plan and design

d. The BRD effectively defines the scope of the project

108. Application community and Resilience support services assist client in the analysis, design and implementation of business continuity solutions. True/false. Select one:

a. True

b. false

109. public final class Constraints

{ Public Static final String DEFAULT\_ROLE="EMPLOYEE",

}

What does the above statement indicate? Select one :

a. creating the constraints file to make use of the defined constraints in other class

b. syntax errors

c. EMPLOYEE role information set in the field

d. DEFAULT\_ROLE set to EMPLOYEE field

e. None of the Listed

110.The phases in software testing life cycle are…….. Select one:

a) test planning

b) test design

c) test execution

d) test closure

e) all

111. Select ename. sal from emp where deptno = (select \* from dept where loc ='New york')

a) multiple record

b) displays nothing

c) throw an error

d) display single row

112. which of the following statement is false

a) the process of destroying unreferenced objects is called garbage collector

b) none

c) an object becomes eligible for garbage collection when there is no live thread

d) heap part of the memory is involved in garbage collection

e) garbage collection frees the memory occupied by the unreachable objects

113. SDLC stands for

a) software development life cycle

b) system development life cycle

c) software design life cycle

d) system design life cycle

114. Advantages of exceptional handling

a) none

b) with the exception handling mechanism when the exception occurs the execution of the prgm is transfered to an appropriate exception handler and terminate the pgm

c) exception handling maintains the nrmal flow of application

d) with the exception handling mechanism the developer can code much cleanser and ahve exception automatically decteced

e) In exception handling generic exception object can be extended to any specific type exception

115. who is responsible for reviewing the CR to verify that there is sufficient details

a) project manager

b) none of these

c) change manager

d) client manager

116. Which key constraint can accept null values?

a) foreign key

b) priamry key

c) check

d) unique key

117. HAVING Clause can be used only

a) when select statement have where clause

b) when the query has "group by" in select statemnets

c) when the order by clause is used in statement

d) when conditiins is present in select statement

118.\_\_\_\_\_\_\_\_is the process applying creativity as much as possible and validating against invalid data

a) Negative testing

b) regression testing

c) sanity testing

d) white box testing

119. Identify the priority of an incident that causes (or has the potential to cause) severe disruption to business operations and/or significant fiscal impact

a. Medium

b. Critical

c. High

d. Low

120. Which process grants authorized users the right to use a service?

a. access management

b. Problem Management

c. Event Management

d. Incident Management

121. Which service is responsible for establishing a protocol for communication and coordination between vendors using major outages?

a. Application License Management

b. Major incident and Mediator Support Service

c. Known error Resolution Services

d. Standard Service Request Fulfilment service

122. Which service identifies and maintains a record of all installed applications?

a. Application License Management

b. Adhoc Service request Fulfilment service

d. Standard Service request Fulfilment service

123. Which of the following are the measurements of Batch Monitoring in AVM projects?

a. %Batch job abend

b. %of Tickets responed

c. %Reduction in batch window

d. %jobs complted within Target time

124. There is no process that needs to be followed in Scrum as it is only driven

a. True

b. False

125. What are all three defined levels of benchmark?

a. Threshold Limit

b. Goal

c. Upper Control Limit

d. Lower Control Limit

126. A scheduled batch process can consist of the execution of hundreds or thousands of jobs in a random sequence.

True

False

127. How to we identify the performance of the select query?

a. Using HINT

b. Using Explain plan

c. Using Table statistic

d. Using DBMS\_SQL

128. Enter user name -- not sure

129. DISTINCT keyword used for\_\_\_\_\_\_\_\_\_\_\_\_\_

To find Unique records from table ------------------------ ANS

130. Which policy Cognizant follows\_\_\_\_\_\_\_\_\_\_

Run Better, Run Different ---------------

131. Which is Not DML command

a. Insert

b. Delete

c. Update

d. Truncate