

COMPILER CONSTRUCTION

For MCA Sem V And IMCAA Sem IX

QUESTIONS MULTIPLE CHOICE

1. If the source language is high level language and the object language is a low level language(assembly or machine), then such a translator is called as a .
a)translator b)assembler c)compiler d)interpreter **Ans:c**
2. If the source language is an assembly language and the target language is a machine language, then the translator is called an .
a)translator b)assembler c)compiler d)interpreter **Ans:b**
3. is used for translators that take programs in one high level language into equivalent programs in another high level language.
a)Preprocessor b)Compiler c)Assembler d)Translator **Ans:a**
4. The compilation process is partitioned into a series of sub processes called a)phases
b)sub program c)module d)subsets **Ans:a**
5. The first phase of the compiler is also called as .
a)scanner b)parser c)tokens d)macro **Ans:a**
6. The output of the lexical analyzer are a stream of .
a)instructions b)tokens c)values d)inputs **Ans:b**
7. Tokens are grouped together into syntactic structure called as an .
a)expression b)tokens c)instructions d)syntax **Ans:a**
8. Syntactic structure can be regarded as a tree whose leaves are the .
a)scanner b)parser c)tokens d)macro **Ans:c**
9. Data structure used to record the information is called a table.
a)syntactic b)symbol c)value d)tokens **Ans:b**
10. In an implementation of a compiler, portions of one or more phases are combined into a module called a .
a)pass b) parser c)scanner d)set **Ans:a**
11. The phase receives optimized intermediate codes and generates the code for execution.
a)lexical analyzer b)syntax analyzer
c)code optimizer d)code generator **Ans:d**
12. A compiler may run on one machine and produce object code for another machine, such a compiler is called a .
a) cross compiler b)medium compiler
c) back compiler d)mixed compiler **Ans:a**

13. The main function of lexical analyzer is to read a .
 a) source program b) object program
 c) intermediate code d) sub **Ans:a**
14. One character is read at a time and translated into a sequence of primitive units called
 a) instructions b) tokens c) values d) numbers **Ans:b**
15. Which is not a token?
 a) operator b) instructions c) keywords d) identifier **Ans:b**
16. It is easy to specify the structure of tokens than the structure of the program.
 a) syntactic b) syntax c) both (a) and (b) d) main **Ans:a**
17. is used to define a language.
 a) Lexical Analyzer b) Parser
 c) Regular Expression d) Identifier **Ans:c**
18. A string is a finite sequence of .
 a) symbols b) tokens c) instructions d) passes **Ans:a**
19. The concatenation of any string with an empty string is the .
 a) string itself b) null c) symbol d) alphabet **Ans:a**
20. is used to describe tokens and identifiers.
 a) Lexical Analyzer b) Parser
 c) Regular Expression d) Random **Ans:c**
21. NFA stands for
 a) Deterministic Finite set Automata
 b) Deterministic Finite Automata
 c) Non Deterministic Finite Automata
 d) Non Deterministic Finite set Automata **Ans:c**
22. The generalized transition diagram for a regular expression is called .
 a) finite automaton b) infinite automaton
 c) regular automaton d) irregular automaton **Ans:a**
23. is a tool that automatically generating lexical analyzer.
 a) LEX b) HEX c) SLR d) CLR **Ans:a**
24. In CFG ,the basic symbols of the language are called .
 a) terminals b) non terminals c) symbols d) digits **Ans:a**
25. Tokens are .
 a) terminals b) non terminals c) symbols d) digits **Ans:a**
26. Special symbols and syntactic variables are .
 a) terminals b) non terminals c) symbols d) lines **Ans:b**

27. The symbol \Rightarrow means .
 a) derives in one step b) derives in zero or more steps
 c) derives in one or more steps d) does not derive **Ans:a**
28. The symbol $\stackrel{*}{\Rightarrow}$ means .
 a) derives in one step b) derives in zero or more steps
 c) derives in one or more steps d) does not derive **Ans:b**
29. A graphical representation for derivations that filter out the choice regarding replacement order is called the .
 a) parse tree b) graph tree c) syntax tree d) symbol tree **Ans:a**
30. A parse tree consists of a finite set of labeled connected by .
 a) nodes, edges b) edges, nodes
 c) terminals, lines d) lines, terminals **Ans:a**
31. A parser for Grammar G is a program that takes as input string W and produces as output is for W.
 a) parse tree b) slr c) error message d) string **Ans:a**
32. If W is a sentence of G, or an indicating that W is not a sentence of G.
 a) parse tree b) slr c) error message d) string **Ans:c**
33. The bottom up parsing method is called parsing.
 a) shift reduce b) recursive decent c) bottom up d) top down **Ans:a**
34. The top down parsing is called parsing.
 a) shift reduce b) recursive decent c) bottom up d) top down **Ans:b**
35. An operator precedence parser is one kind of parser.
 a) shift reduce b) descent c) bottom up d) top down **Ans:a**
36. Predictive parser is one kind of parser.
 a) shift reduce b) recursive descent c) bottom up d) top down **Ans:b**
37. The output of a parser is the representative of a .
 a) parser tree b) slr c) error message d) tree **Ans:a**
38. is a program that produces valid parse trees.
 a) Reader b) Parser c) Writer d) Producer **Ans:b**
39. A rightmost derivation in reverse is called as .
 a) reduction b) sequence
 c) reduction sequence d) canonical reduction sequence **Ans:a**
40. Rightmost derivation is sometimes called derivations.
 a) canonical b) RMD c) LMD d) low **Ans:b**

41. makes grammar suitable for parsing.

- a) Factoring b)Right Factoring c) Left Factoring d) Reverse Factoring **Ans:c**

42. Left Factoring is a transformation for factoring out the prefixes.

- a)odd b)common c)positive d)negative **Ans:b**

43. Reverse of a right most derivation is called .

- a)reduction b)handle c)production d)base **Ans:b**

44. The canonical reduction sequence is obtained by .

- a)reduction b)handle c)production d)handle pruning **Ans:d**

45. Which is not a shift reduce parser action

- a)Shift b)Reduce c)Accept d)go **Ans:d**

46. If a grammar has no two adjacent non terminals ,then it is called as an grammar.

- a)precedence b)operator c)regular d)irregular **Ans:b**

47. The parsing table is generally a dimensional array.

- a) one b) two c) three d)four **Ans:b**

48. Precedence table can be encoded by functions.

- a) reduce b) shift c) precedence d) various **Ans:c**

49. LR Parser is a parser.

- a) Bottom Up b)Top Down c)reverse d)forward **Ans:a**

50. LR parser construct a type of derivation.

- a) RMD b)MMD c)LMD d)CLR **Ans:a**

51. What are the components of LR Parser?

- a) Parsing algorithm b) Parsing table construction
c) both a and b d)Parsing note **Ans:c**

52. _____ function is a collection, called canonical collection of LR (0) items.

- a)GOTO b) FIRST c) FOLLOW d) COMPUTE **Ans:a**

53. The collection of sets of LR (0) item is called .

- a) SLR b)CLR c)LALR d)DMR **Ans:b**

54. The input string is in I/p buffer followed by the right end marker .

- a)\$ b)% c)* d)& **Ans:a**

55. keeps the grammar symbols.

- a) Top b) Stack c)Queue d)Bottom **Ans:b**

56. The keeps the input string.

- a) input buffer b)output buffer c) stack d)queue **Ans:a**

57. directed translation allows subroutines or semantic actions to be attached to the productions of a context free grammar.
a)syntax b)semantic c)both d)error **Ans:a**
58. A syntax directed translation scheme is merely a grammar.
a)regular b)context sensitive c)context free d)single **Ans:c**
59. The action is enclosed in braces.
a)syntax b)semantic c)both d)error **Ans:b**
60. Implementation of syntax directed translators describes an mapping.
a)input b)output c)input output d)parse table **Ans:c**
61. A compiler compiler would tie the parser and the semantic action program fragments together, producing module.
a)one b)two c)three d)more than one **Ans:a**
62. polish places the operator at the right end.
a)Postfix b) Prefix c) Both d) Polish **Ans:a**
63. To evaluate the expression, a stack is used.
a)postfix b) prefix c) both d) polish **Ans:a**
64. The general strategy is to scan the postfix code .
a)left right b)right left c)middle d)end **Ans:a**
65. If the attributes of the parent depend on the attributes of the children ,then they are called as attributes.
a)made b)discovered c)new d) inherited **Ans:d**
66. _____is a tree in which each leaf represents an operand and each interior node an operator.
a)Parser Tree b)Semantic Tree c)Syntax Tree d)Structured Tree **Ans:c**
67. The properties of an entity are called as.
a) values b)attributes c)numbers d)digits **Ans:b**
68. Usually the “Three address code” contains address two for the and one for the result.
a)operand b)operator c)result d) statement **Ans:a**
69. The statement is an abstract form of intermediate code.
a)2 address b)3 address c)Intermediatecode d)address **Ans:b**
70. Which is not the way of implement the 3 address statement.
a)Quadruples b) Triples c) Indirect Triples d) Parse Tree **Ans:d**
71. record structure has 4 fields.
a)Quadruples b) Triples c) Indirect Triples d) Parse Tree **Ans:a**

72. Parenthesized numbers are used to represent into the triple structure. a)pointer
b)stack c)queue d)value **Ans:a**
73. Triples are listing pointers to triples, rather than listing the triples themselves.
a) Direct b)Indirect c)Multiple d)New **Ans:b**
74. refers to the location to store the value for a symbol.
a)value b)place c)code d)number **Ans:b**
75. is associating the attributes with the grammar symbols.
a)rotation b)translation c)transformation d)evolving **Ans:b**
76. In 3 address code for array reference we assume static allocation of arrays, where subscripts range from 1 to some limit known at time.
a)compile b) run c) execution d) process **Ans:a**
77. In Triples uses only 3 .
a)fields b) operator c) operand d) instruction **Ans:a**
78. _____is used in the several stages of the compiler.
a) Table b) Symbol Table c) Records d) Program. **Ans:b**
79. Information about the name is entered into the symbol table during _____ and_____.
a) lexical and syntactic analysis b) lexical and code generation
c) lexical and error handler d) lexical and code optimization. **Ans:a**
80. Each entry in the symbol table is a pair of the form____and____.
a) Name and information. b) Name and function.
c) Name and Data. d) Name and procedures. **Ans:a**
81. A compiler needs to collect and use information about the names appearing in the source program. This information is entered into a data structure called a _____.
a) Symbol Table b) Lexical analysis
c) Syntactic analysis d) Records. **Ans:a**
82. Minimum distance matching in_____.
a)Syntactic errors b) Semantic errors
c) Lexical Phase errors d) Reporting errors **Ans:a**
83. Minimum distance correction is_____errors.
a)Syntactic Phase errors b) Semantic errors
c) Lexical Phase errors d) Reporting errors. **Ans:a**
84. Parser discards input symbol until a__token is encountered.
a)synchronizing b) Synchronizing
c) Group d) none. **Ans:b**

85. The message should not be redundant in_____.
a) Syntactic Phase errors b) Semantic errors
c) Lexical Phase errors d) Reporting errors. **Ans:d**
86. When an error is detected the reaction of compiler is different,
a)A system crash
b)To emit invalid output
c)To merely quit on the first detected error.
d)All of the above. **Ans:d**
87. Hashing meaning
a) Variation of searching techniques b)Variation of inserting techniques
c)Variation of updating techniques. d)Variation of Deleting Techniques. **Ans:a**
88. An_____describing the partition in storage to be allocated for the
name. a)Pointer b) AVAILABLE c) Offset d) Attributes. **Ans:b**
89. What is the length of identifier for DIMPLE?
a)5 b) 6 c) 4 d) 3 **Ans:b**
90. The accurate term for “Code Optimization” is____.
a)Intermediate Code b) Code Improvement
c) Latter Optimization d) Local Optimization. **Ans:b**
91. The quality of the object program is generally measured by its_____.
a)Cost b) Time
c) Size or Its running time d) Code Optimization. **Ans:C**
92. The code optimization techniques consist of detecting_____in the program and
_____these patterns.
a)Errors and replacing b) Patterns and replacing
c) Errors and editing d) Patterns and editing. **Ans:b**
93. The important sources of optimization are the identification of common ____.
a) Regular expression b) Sub expression
c) expression d) time. **Ans:b**
94. The term constant folding is used for the_____.
a)Local optimization b) Code optimization
c) Latter optimization d) Loop optimization. **Ans:c**

95. performed within a straight line and no jump.

- a) Local optimization
- b) Code optimization
- c) Latter optimization
- d) Loop optimization.

Ans:a

96. From anyone in the loop to any other, there is a path of length one or more is _____.

- a) Weakly Connected
- b) Unique Entity
- c) Multi Connected
- d) Strongly Connected.

Ans:d

97. If some sequences of statements from arithmetic progressions, we say such identifiers as _____.

- a) Reduction
- b) Induction Variables
- c) Code motion
- d) Inner Loops.

Ans:b

98. The replacement of an expensive operation by a cheaper one is called _____.

- a) Reduction
- b) Induction Variables
- c) Code motion
- d) Inner Loops.

Ans:a

99. Full form of DAG

- a) Dynamic acyclic graph
- b) Data acyclic graph
- c) Directed acyclic graph
- d) Detecting acyclic graph.

Ans:c

100. Computed results can be left in _____ as long as possible.

- a) Registers
- b) Triples
- c) Indirect Triples
- d) Quadruples.

Ans:a

Master of Computer Application

CA-9.3 Mobile Computing – (254903)

Sr. No	QUESTIONS	Ans
1	How many levels of securities are there in android? A. App level security and kernel level security B. Android level security C. Java level security D. None of the above	A
2	In which Activity life-cycle method you should do all of your normal static set up such as: creating views and bind data to lists? A. onResume() B. onStart() C. onCreate() D. onPause()	C
3	Android Emulator is _____ A. gaming application B. debugging tool C. none of these D. used for developing android applications and looks like mobile device	D
4	Android Operating system is based on A. Mac B. Windows C. Linux D. Solaris	C
5	What is not true about the AndroidManifest.xml file? A. It declares the views used within the application B. It declares user permissions the application requires C. It declares application components D. It declares hardware and software features used within the application	A
6	Android support which Dialog Boxes A. AlertDialog,ProgressDialog B. DatePickerDialog C. TimePickerDialog: D. All of these	D
7	Which method should you use to start a sub-activity? A. startActivity(Intent intent) B. startActivityForResult(Intent intent) C. startService(Intent intent) D. startSubActivity(Intent intent)	B
8	While developing Android applications, developers can test their apps on... A. Emulator included in Android SDK B. Physical Android phone C. Third-party Emulators (Youwave, etc.) D. All three options will work.	D
9	Which of the following information is not included in the Manifest file? A. The activities contained in the application	D

Sr. No	QUESTIONS	Ans
	B. The permissions required by the application C. The application's minimum SDK version required. D. The handset model compatible with your application.	
10	Is it possible activity without UI in android? A. No, it's not possible B. Yes, it's possible C. We can't say D. None of the above	B
11	AAPT in Android stands for _____ A. Android Asset Packaging Tool B. Android activity Packaging Tool C. Android Action Packaging Tool D. None of these	A
12	To create an emulator, you need an AVD. What does it stand for? A. Android Virtual Display B. Android Virtual Device C. Active Virtual Device D. Application Virtual Display	B
13	What is a correct statement about an XML layout file? A. A layout PNG image file B. A file used to draw the content of an Activity C. A file that contains all application permission information D. A file that contains a single activity widget.	B
14	Which of the following is not a valid Android resource file name? A. mylayout.xml B. myLayout.xml C. my_layout.xml D. mylayout1.xml	B
15	Which of the following lines of code starts activity Activity2 from a current activity Activity1? A. Intent intent = new Intent(this, new Activity2()); startActivity(intent); B. Intent intent = new Intent(new Activity2()); startActivity(intent); C. Intent intent = new Intent (Activity1.class, Activity2.class); startActivity(intent); D. Intent intent = new Intent(this, Activity2.class); startActivity(intent);	D
16	What is the parent class of all Activity widgets? A. View Group B. Layout C. View D. Widget	C
17	_____ controls life cycle of activities and manages activity stack level requirements.	C

Sr. No	QUESTIONS	Ans
	A. Windows Manager B. Content Provider C. Activity Manager D. None of these	
18	Which among the following are part of "System Libraries and Android runtime" layer of Android Architecture A. webkit B. SSL C. DVM D. All of these	D
19	Which among the following are part of "Application Framework" layer of Android Architecture A. Activity Manager B. Window Manager C. Content Providers D. All of these	D
20	Which of the following Activity life-cycle methods is called once the activity is no longer visible? A. onStop B. onPause C. onDestroy D. onHide	A
21	Collection of one or more activities, services, listeners, and intent receivers is known as A. Application B. Package C. group D. None of these	A
22	When using an implicit intent, what process does the system use to know what to do with it? A. Intent resolution B. Intent declaration C. Intent overloading D. Intent transition	A
23	Android releases since 1.5 have been given nicknames derived how? A. Food B. American states C. Adjective and strange animal D. None of these	A
24	Android is not owned by Google. Who owns the Android platform? A. Oracle B. Dalvik C. Open Handset Alliance D. The above statement is false and Android is owned by Google	C
25	What is anchor view? A. Same as list view B. provides the information on respective relative positions C. Same as relative layout D. None of the above	B

Sr. No	QUESTIONS	Ans
26	Which of the following are primary pieces of information that are required to define in an implicit Intent? A. An action to be performed and data to operate on. B. An action to be performed and a category for additional information. C. A Bundle for extra data. D. A category of additional information and data to operate on.	A
27	Android is developed specially for A. Laptops B. Desktops C. Servers D. Mobile devices	D
28	What is fragment life cycle in android? A. onReceive B. onCreate C. onAttach->onCreate -> onCreateView -> onActivityCreated -> onStart -> onResume D. None of the above	C
29	Is it mandatory to call onCreate and onStart in android? A. No, we can write the program without writing onCreate and onStart B. Yes, we should call onCreate and onStart to write the program C. At least we need to call onCreate once D. None of the above	A
30	An activity can be thought of as corresponding to what? A. A Java project B. A Java class C. A method call D. An object field	B
31	What does the Android project folder "res/" contain? A. Java Activity classes B. Resource files C. Java source code D. Libraries	B
32	Fragment in Android can be found through A. findViewById B. findFragmentById C. getContext.findFragmentById D. FragmentManager.findFragmentById	D
33	Which file specifies the minimum required Android SDK version your application supports? A. main.xml B. R.java C. strings.xml D. AndroidManifest.xml	D
34	Following is a visual tool in Android for laying out the components A. Android debug Bridge B. Android Hierarchy Viewer C. Android Emulator D. DDMS	B

Sr. No	QUESTIONS	Ans
35	<p>Which of following is incorrect about the Toast class?</p> <p>A. You cannot set a custom layout for a Toast.</p> <p>B. A Toast can only create by an Activity class</p> <p>C. There is no need to close or hide a Toast, since it closes automatically.</p> <p>D. A Toast is displayed for only one of the following periods: Toast.LENGHT_SHORT or Toast.LENGTH_LONG</p>	B
36	<p>What is the name of the class used by Intent to store additional information?</p> <p>A. Extra</p> <p>B. Parcelable</p> <p>C. Bundle</p> <p>D. DataStore</p>	C
37	<p>A _____ makes a specific set of the application data available to other applications</p> <p>A. content provider</p> <p>B. Broadcast receivers</p> <p>C. intent</p> <p>D. None of these</p>	A
38	<p>The R file is a(an) generated file</p> <p>A. Automatically</p> <p>B. Manually</p> <p>C. Emulated</p> <p>D. None of the above</p>	A
39	<p>Which of the following attributes is used to set an activity screen to landscape orientation?</p> <p>A. screenorientation = landscape</p> <p>B. screenOrientation="landscape"</p> <p>C. android:ScreenOrientation="landscape"</p> <p>D. android:screenOrientation="landscape"</p>	D
40	<p>What year was the Open Handset Alliance announced?</p> <p>A. 2005</p> <p>B. 2006</p> <p>C. 2007</p> <p>D. 2008</p>	C
41	<p>What does the .apk extension stand for?</p> <p>A. Application Package</p> <p>B. Application Program Kit</p> <p>C. Android Proprietary Kit</p> <p>D. Android Package</p>	A
42	<p>Which of the following is not an Android component (i.e. a point from which the system can enter your application)?</p> <p>A. Service</p> <p>B. Activity</p> <p>C. Layout</p> <p>D. Content Provider</p>	C

Sr. No	QUESTIONS	Ans
43	Which configuration file holds the permission to use the internet? A. Layout file B. Property file C. Java source file D. Manifest file	D
44	Which among the following are part of "Application" layer of Android Architecture A. Contacts B. Browser C. Phone D. All of these	D
45	Which of the following best explains the Android context menus? A. It is a popup menu displays a list of items in a vertical list that's anchored to the view that invoked the menu. B. It is a floating menu that appears when the user performs a long-click on an element. It provides actions that affect the selected content or context frame. C. It is the primary collection of menu items for an activity. It's where you should place actions that have a global impact on the app, such as "Search," "Compose email," and "Settings." D. It is a sub-menu of an options menu item.	B
46	Which of the following methods is called in an Activity when another activity gets into the foreground? A. onStop() B. onPause() C. onDestroy() D. onExit()	B
47	Which of these are not one of the three main components of the APK? Android A. Dalvik Executable B. Resources C. Native Libraries D. Webkit	D
48	In Android Architecture, layer below System Libraries and Android runtime is (It is also the lowest layer) A. Applications B. Linux Kernel C. Applications Framework D. System Libraries & Android Runtime	B
49	Android OS uses which virtual machine? A. Simple Virtual M B. JVM C. Dalvik Virtual Machine D. None of these	C
50	_____ view helps to display the log messages of our android device and also it helps to analyze the problems.	A

Sr. No	QUESTIONS	Ans
	A. LogCat B. CatLog C. Log D. None of these	
51	What is an interface in android? A. Interface acts as a bridge between class and the outside world. B. Interface is a class. C. Interface is a layout file. D. None of the above	A
52	Data Sharing between applications is managed by A. Activity Manager B. Content Providers C. Telephony Manager D. Location Manager	B
53	_____ enables to store the data in a structured manner in Android A. Oracle B. DB2 C. SQLite D. Mysql	C
54	Which of the following is required to allow the Android Developer Tools to interact with your view? A. Provide a constructor that takes a Context and an AttributeSet object as parameters. B. Provide a constructor that takes a Context object as parameter. C. Extend class View. D. Override method onDraw() of class View.	A
55	API stands for _____ A. Application Performance Interface B. Application Programming Institute C. Application Programming Interface D. Application Proposal Interface	C
56	What Activity method you use to retrieve a reference to an Android view by using the id attribute of a resource XML? A. findViewByIdByReference(int id); B. findViewById(int id) C. retrieveResourceById(int id) D. findViewById(String id)	B
57	In android Architecure, layer below Applications Framework is A. Applications B. Linux Kernel C. Applications Framework D. System Libraries & Android Runtime	D
58	Following is a command line tool in android A. Android emulator B. Android debug bridge C. none of these D. Dalvik Debug Monitor Server (DDMS)	D
59	Which of the following is NOT true about the MenuItem interface? A. The MenuItem instance will be returned by the Menu class add(...) method.	B

Sr. No	QUESTIONS	Ans
	B. MenuItem can decide the Intent issued when clicking menu components. C. MenuItem can display either an icon or text. D. MenuItem can set a checkbox.	
60	We convert Java class files into Dalvik Executable files using an Android tool called _____ A. dx B. jvm C. TC D. none of these	A
61	What is a thread in android? A. Same as services B. Background activity C. Broadcast Receiver D. Independent dis-patchable unit is called a thread	D
62	Which of the following is NOT a valid usage for Intents? A. Activate and Activity B. Activate a Service C. Activate a Broadcast receiver D. Activate a SQLite DB Connection.	D
63	Which method is used to close an activity? A. Destroy() B. Finish() C. Stop() D. Close()	B
64	A _____ is a component that does nothing but receive and react to broadcast announcements. A. content provider B. Broadcast receivers C. intent D. None of these	B
65	NDK stands for _____ A. New Development Kit B. Native Development Kit C. Native Development Key D. None of these	B
66	Which of the following is not an Activity lifecycle call-back method? A. onStart B. onCreate C. onPause D. onBackPressed	D
67	During an Activity life-cycle, what is the first callback method invoked by the system? A. onStop() B. onStart() C. onCreate() D. onRestore()	C
68	What is the name of the folder that contains the R.java file? A. src B. res	D

Sr. No	QUESTIONS	Ans
	C. bin D. gen	
69	What are return types of startActivityForResultResult in android? A. RESULT_OK B. RESULT_CANCEL C. RESULT_CRASH D. A & B E - B & C	D
70	What are the main components in android? A. Activity B. Services C. Broadcast Receiver D. Content provider	A
71	Android application can only be programmed in _____. A. java B. c using NDK C. C++ using NDK D. All of these	D
72	What does the following line of code achieve? Intent intent = new Intent(FirstActivity.this, SecondActivity.class); A. Creates an hidden Intent B. Creates an implicit Intent C. Create an explicit Intent D. Starts an activity.	D
73	Android Application Framework accesses the libraries through_____ A. JVM B. DVM C. CLR D. None of these	B
74	Which of these files contains text values that you can use in your application? A. AndroidManifest.xml B. res/Text.xml C. res/layout/Main.xml D. res/values/strings.xml	D
75	What is off-line synchronization in android? A. Synchronization with internet B. Background synchronization C. Synchronization without internet D. None of the above	C
76	Which of the following best explains the Android option menus? A. It is a popup menu that displays a list of items in a vertical list anchored to the view that invoked the menu. B. It is a floating menu that appears when the user performs a long-click on an element. It provides actions that affect the selected content or context frame. C. It is the primary collection of menu items for an activity where you should place actions	C

Sr. No	QUESTIONS	Ans
	that have a global impact on the app, such as "Search," "Compose email," and "Settings." D. It is a type of List Activity with predefined headers and footers for special commands.	
77	You can create a custom view by extending class: A. android.widget.View B. android.widget.LinearLayout C. android.view.View D. android.content.Context	C
78	What does the src folder contain? A. Image and icon files B. XML resource files C. The application manifest file D. Java source code files	D
79	Which of the following tools dumps system log messages including stack traces when the device or emulator throws an error? A. DDMS B. Logcat C. Console D. ADB	B
80	What is "Intents" ? A. are messages that are sent among major building blocks B. trigger activities to being, services to start or stop, or broadcast C. are asynchronous D. all of these	D
81	Why don't we give MIN SDK as 1 in android? A. Android deprecated version B. There is no value for 1 C. Android doesn't allow min version 1 D. None of the above	A
82	What are the main two types of thread in Android? A. Main thread and worker threads. B. Main thread and UI thread. C. Activities and services. D. Main thread and background process.	A
83	AndroidManifest which stores all the activity classes is _____file A. HTML B. XML C. Java D. JavaScript	B
84	What method you should override to use Android menu system? A. onCreateOptionsMenu() B. onCreateMenu() C. onMenuCreated()	A

Sr. No	QUESTIONS	Ans
	D. onCreateContextMenu()	
85	Which of the following is true about method startActivity? A. It starts a new activity and destroys the previous one B. It starts a new activity and sends the previous one to the background. C. It starts a new activity and pauses the previous one. D. It starts a new activity in a paused mode.	B
86	In android Architecture, Top most layer is of A. Applications B. Linux Kernel C. Applications Framework D. System Libraries & Android Runtime	A
87	What does this code do? Intent intent = new Intent(); intent.setAction(Intent.ACTION_VIEW); intent.setData(android.net.Uri.parse("http://www.androidatc.com")); startActivity(intent); A. Starts a sub-activity B. Starts a service C. Sends results to another activity. D. Starts an activity using an implicit intent.	D
88	If your application is throwing exception android.content.ActivityNotFoundException, how to fix it? A. Create a new activity Java sub-class. B. Rename your activity C. Create the activity layout D. Add the activity to the AndroidManifest	D
89	What is the life cycle of foreground activity in android? A. onCreate -> onStart -> onResume -> onStop -> onRestart B. onCreate -> onStart -> onResume -> onStop C. onCreate -> onStart -> onResume D. None of the above	C
90	WAP stands for..... A. Wireless application program B. Wireless application protocol C. Wireless application portal D. None of these	B
91	Which of the following you cannot achieve by creating your own View sub-classes? A. Create a completely new customized View type. B. Combine a group of View components into a new single component. C. Specify when to destroy an activity and all its views. D. Override the way that an existing component is displayed on the screen.	C
92	What is the purpose of super.onCreate in android? A. To create an activity B. To create a graphical window for subclass C. It allows the developers to write the program D. None of the above	B
93	Android 1.5 is known by the name A. Cupcake	A

Sr. No	QUESTIONS	Ans
	B. Donut C. Eclair D. Froyo	
94	Which among following are Android Tools ? A. Android SDK, AVD Manager B. Android Emulator, DDMS C. Android Debug Bridge, Android Hierarchy viewer D. All of these	D
95	Management of Android Virtual Device configuration can be done using A. Android SDK manager B. AVD Manager C. Android Emulator D. None of These	B
96	What does the following code achieve? Intent intent = new Intent(FirstActivity.this, SecondActivity.class); startActivityForResult(intent); A. Starts a browser activity B. Starts a sub-activity C. Starts an activity service D. Sends results to another activity.	B
97		
98	DVM is developed by A. Linus Torvald B. Dennis Ritchie C. Dan Bornstein D. None of these	C
99	Which of the following is not a ContentProvider provided natively by Android? A. The contacts list B. The telephone log C. The bookmarks D. The application list	D
100	What is contained within the Layout xml file? A. Orientations and layouts that specify what the display looks like. B. The permissions required by the app. C. The strings used in the app. D. The code which is compiled to run the app.	A

CA 9.4 Visual C++ (MFC) 254904

QUE. NO.	QUESTION	ANS
1	Microsoft Visual C++ IDE is designed for: a. C b. C++ c. CLI d. All of these	D
2	Visual C++ is _____ based language: a. GUI b. CUI c. Both a and b d. None of these	A
3	API stands for: a. Application Power Interface b. Application Point Interface c. Application Programming Interface d. None of these	C
4	Microsoft Windows has the following windows elements: a. Toolbar b. Menus c. Dialog boxes d. All of these	D
5	_____ is a group of data and methods and is used to create a variable : a. Class b. Object c. Method d. Message	A
6	_____ contains values which the program uses and can be changed as per the program specifications: a. Method b. Object c. Message d. Class	B
7	_____ is a function which is defined within the class: a. Object b. Class c. Message d. Method	D
8	The programming that provides complex solution uses: a. MFC b. API c. GUI d. None of these	A
9	The compiler generate _____ file from source file: a. EXE b. OBJ c. CPP d. C	B
10	The extension of workspace file is: a. EXE b. DSP c. DSW d. CPP	C
11	The extension of project file is: a. EXE b. DSP c. DSW d. CPP	B
12	The extension of VC++ resources file is: a. RES b. RS c. RC d. RCP	C
13	DLL stands for: a. Dynamic Level Library b. Direct Link Library c. Dynamic Layout Library d. Dynamic Link Library	D
14	Which files the linker reads that are produced by the compiler of C/C++ and the resource compiler: a. RES b. OBJ c. Both a and b d. None of these	C

15	The Linker allows access for LIB files for: a. Runtime b. Source code c. Execution d. All of these	D
16	MFC contain #pragma statements are required for: a. Library Files b. Source File c. Resource Files d. None of these	A
17	Registered ActiveX Control in windows: a. Gallery b. Class Wizard c. App Wizard d. Resource Wizard	A
18	Which file we can Import or Export for user generated gallery items: a. OGX b. CPP c. CX d. DLL	A
19	Which is directed to a program on occurrence of an event affecting the program: a. Class b. Message c. Object d. Method	B
20	_____ is a code generate that creates a working framework of Windows applications along with feature source code file names and class names: a. Class Wizard b. App Wizard c. Resource Wizard d. Gallery	B
21	_____ is a program that is implemented as a DLL: a. App Wizard b. Class Wizard c. Gallery d. Resource Wizard	B
22	In which menu Class Wizard is available: a. View b. Insert c. Tools d. Table	A
23	Which class is used for displaying information about the document for the user and for handling interaction : a. Frame Class b. Application Class c. View Class d. Document Class	C
24	Which class is used to controls the data being used by application: a. Document Class b. View Class c. Frame Class d. Application Class	A
25	MFC class library creates : a. Document programs b. View Programs c. Both a and b d. None of these	C
30	What is used to create a program by App Wizard: a. Dialog Box b. Combo Box c. List Box d. Group Box	A
31	Which class control application level interaction with Windows: a. View Class b. Application Class c. Document Class d. Frame Classes	B
32	The interaction between user and the document is handled by: a. Document Class b. Application Class c. View Class d. None of these	C
33	What type of application is built by AppWizard in MFC: a. SDI b. MDI c. Dialog d. All of these	D
34	SDI stands for: a. Simple Document Interface b. Single Data Interface c. Single Document Interface d. Simple Data Interface	C

35	Which class is created by MFC while creating a project named "Hello" using MFC AppWizard: a. CHelloApp b. CHelloDoc c. CHelloView d. All of these	D
36	Events are occurred in any windows application when user a. Move mouse pointer b. Click mouse c. Pressing a key d. All of these	D
37	Event messages are sent to..... a. CPU b. Window c. Operating System d. Monitor	B
38	Which type of message tell the program about start & close or convey resizing or movement: a. Operating System Messages b. Messages sent to controls c. Messages received from a control d. None of these	A
39	Which message is sent when mouse is over the menu or caption bar: a. WM_MOUSEMOVE b. WM_NCMOUSEMOVE c. MOUSEMOVE d. NCMOUSEMOVE	B
40	Which is not the mouse click event a. WM_LBUTTONDOWN b. WM_BUTTONDOWN c. WM_RBUTTONDOWN d. WM_MBUTTONDOWN	B
41	If we are going to create handling WM_LBUTTONDOWN message handling function then what is the name of function created by Class Wizard: a. OnLeftButtonDown (...) b. OnLButtonDown (...) c. OnButtonDown (...) d. None of these (...)	B
42	Which macro ends message map: a. BEGIN_MESSAGE_MAP b. AFX_MESSAGE_MAP c. END_MESSAGE_MAP d. None of these	C
43	Which class is derived from CObject adding much functionality and is shared by all windows in an MFC programs: a. CView b. CWnd c. CMyView d. None of these	B
44	Match the following: i. WM_LBUTTONDOWN a: OnLButtonDbIcClick ii. WM_LBUTTONDOWNBLCLICK b: OnRButtonDown iii. WM_RBUTTONDOWN c: OnLButtonDown iv. WM_RBUTTONDOWNBLCLICK d: OnRButtonDbIcClick a. i-a, ii-c, iii-d, iv-b b. i-c, ii-a, iii-b, iv-d c. i-a, ii-b, iii-c, iv-d d. i-c, ii-a, iii-d, iv-b	B
45	Which classes make use of virtual functions enabling program for accessing general-purpose functions using a base pointer: a. CWnd b. CObject c. Both a and b	C

	d. None of these	
46	Which macro is used for supporting runtime class identification for class definition? a. IMPLEMENT_DYNCREAT b. DECLARE_DYNAMIC c. IMPLEMENT_DYNAMIC d. DECLARE_DYNCREATE	C
47	Which macro sends an output message to the debug window of compiler? a. COUT b. FOUT c. TRACE d. Display	C
48	Which operator determines amount of storage needed for classes and structures: a. sizeof b. new c. delete d. update	A
49	_____ is a simple numeric variable that denotes a location or an address in memory: A. Pointer b. Array c. String d. None of these	A
50	Which class can be used for determining an object type or for creating a new object? a. CViewClass b. CRuntimeClass c. CWndClass d. None of these	B
51	Which operator is used for dynamic allocation of an object from free storage in C++: a. this b. static c. new d. delete	C
52	Which macro is used for serialization support for class declaration? a. DECLARE_DYNCREATE b. IMPLEMENT_SERIAL c. DECLARE_SERIAL d. IMPLEMENT_DYNCREAT	C
53	Which macro is used for supporting creation of dynamic object for class definition? a. IMPLEMENT_DYNCREATE b. DECLARE_DYNAMIC c. IMPLEMENT_DYNAMIC d. DECLARE_DYNCREATE	A
54	Which macro is used for supporting creation of dynamic object for class identification for class declaration? a. DECLARE_DYNCREATE b. DECLARE_DYNAMIC c. IMPLEMENT_DYNAMIC d. IMPLEMENT_DYNCREAT	A
55	Which operator is used for dynamic allocation of an object from free storage in C++: a. this b. static c. new d. delete	C
56	Which macro sends an output message to the debug window of compiler? a. COUT b. FOUT c. TRACE d. Display	C
57	Which operator determines amount of storage needed for classes and structures: a. sizeof b. new c. delete d. update	A
58	_____ is a simple numeric variable that denotes a location or an address in memory: a. Pointer b. Array c. String d. None of these	A

59	Which class can be used for determining an object type or for creating a new object? a. CViewClass b. CRuntimeClass c. CWndClass d. None of these	B
60	On selecting a menu item, which message is issued to the window of the main frame: a. WM_COMMAND b. WM_LBUTTONDOWN c. WM_RBUTTONDOWN d. WM_LBUTTONDOWNCLK	A
61	Which name is used to identify the menu item: a. Caption b. Separator c. Pop-up d. Grayed	A
62	Which member function resembles the OnDraw member function from CMouseTestView: a. CMenuView::OnDraw b. CWinApp::OnDraw c. CMainFrame::OnDraw d. None of these	A
63	_____ are basically the keyboard for message handling function: a. Mouse Accelerators b. Monitor Accelerators c. Keyboard Accelerators d. None of these	C
64	Which property is used for creating keyboard Accelerator? a. Set Properties b. Both a and b c. Accel Properties d. None of these	C
65	Which windows message is responsible for displaying the context menus? a. WM_CONTEXTMENU b. WM_VIEWMENU c. WM_COMMAND d. None of these	A
66	The font is taken as: a. GDI Object b. MFC c. API d. None of these	A
67	Which is the Base class of font a. CSize b. CFont c. CString d. CView	B
68	CCmdTarget is derived from: a. CObject b. CWnd c. CWndApp d. CView	A
69	The MFC deals with the types of Windows known as: a. Overlapped b. Pop-up c. Child d. All of these	D

70	Which applications are used to load, view, edit and save documents which prepared in VC++: a. API b. DLL c. MFC d. None of these	C
71	_____ is a class in MFC encapsulates a Windows graphics device interface (GDI) bitmap. a. CBit Class b. CBitmap Class c. CBitMap Class d. CMap Class	B
72	A _____ is an array of bits that specify the color of each pixel in an array of pixels: a. Bitmap b. Window c. Image d. All of these	A
73	The types of Windows are: a. Parent b. Child c. Both a and b d. None of these	C
74	Which function is used to create the font? a. CFont::DeleteFont() b. CFont::SelectFont() c. CFont::CreateFont() d. None of these	C
75	Which is the parent class of CButton? a. CWin b. CWnd c. Both a and b d. None of these	B
76	Which function is used to return the value for a rectangle: a. GetWindowRect() b. GetClientRect() c. GetServerRect() d. None of these	A
77	Which control in Visual C++ is used to display the text or requested text: a. Static control b. Rich Edit control c. Edit control d. Progress	C
78	The View class is written with the help of _____ member function: a. OnDraw() b. OnCreate() c. Both a and b d. None of these	A
79	In which source modules, the view class code is divided: a. header files (.h) b. implementation file (.cpp) c. Both a and b d. None of these	C

80	Which files are stored in Debug: a. OBJ files b. Intermediate files c. Both a and b d. None of these	C
81	In which subdirectory, the resource files are stored: a. OBJ b. RES c. Both a and b d. None of these	B
82	Which macros are particularly useful for monitoring the program activity in application framework: a. FOUT b. COUT c. TRACE d. DISPLAY	C
84	Which is not the type of brush: a. Solid b. Hatch c. Texture d. None of these	D
85	Which type of brush is based on the already designed pattern? a. Texture brush b. Solid brush c. Gradient brush d. Hatch brush	D
86	Which is an object that holds a color, a picture, or a drawing pattern and is used to fill the interior of a closed shape: a. Polygon b. Brush c. Rectangle d. None of these	B
87	Which is series of instruction used to draw one or a group of graphics on a device context: a. Metafile b. OBJ file c. Intermediate file d. None of these	A
88	MDI application in VC++ consists of how many resources? a. At least one b. At least two c. Four d. Four or more	B
89	Which function in VC++ is used to display the window on the screen? a. ViewWindow() b. ShowWindow() c. SeeWindow() d. UpdateWindow()	B
90	_____ is the dialog box in which user response is required before continuing with the program a. Modal Dialog Box b. Modeless Dialog Box c. Model Dialog Box d. None of the above	A

91	<p>_____ is the dialog box in which the screen remain stable and available to all the user for use at any time</p> <ol style="list-style-type: none"> Modal Dialog Box Modeless Dialog Box Model Dialog Box None of the above 	B
92	<p>Which is not the Windows resource:</p> <ol style="list-style-type: none"> Dialog Box Menus Pop-up menus None of these 	D
93	<p>Which dialog box force to user to do any action:</p> <ol style="list-style-type: none"> Modal Modeless Both a and b None of these 	A
94	<p>Which is dialog control initialization function:</p> <ol style="list-style-type: none"> OnDialog OnInitDialog InitDialog StartDialog 	B
95	<p>Which function is create for cancel button event of dialog box:</p> <ol style="list-style-type: none"> OnInitCancel() OnCancel() CancelClick() OnClickCancel() 	B
96	<p>Which function is used for converting an dialog box ID to a CWnd pointer is provided by the MFC library:</p> <ol style="list-style-type: none"> CWnd::GetItem CWnd::GetPointer CWnd::GetDlgItem CWnd::GetDlgPointer 	C
97	<p>In VisualC++, which menu adds 'Resources':</p> <ol style="list-style-type: none"> Insert Project Build Tools 	A
98	<p>Which two kinds of Dialog are:</p> <ol style="list-style-type: none"> Modal Modeless Both a and b None of these 	C
99	<p>Which keyword is used to store Icons in resource files:</p> <ol style="list-style-type: none"> ICON iconfile.ico Icon design None of these 	A
100	<p>Keyboard Accelerators are processed by calling _____ function:</p> <ol style="list-style-type: none"> TranslateAccelerator() PreTranslateAccelerator() Translate() None of these 	A

101	<p>In MFC which classes are used for text editing:</p> <ol style="list-style-type: none"> CEditView CRichEditView Both a and b None of these 	C
102	<p>Which function is used to set the size and position of the edit window:</p> <ol style="list-style-type: none"> SetTextPos() SetWindowPos() SetWindowText() None of these 	B
103	<p>Which function is used to retrieves plain text from the control:</p> <ol style="list-style-type: none"> GetWindowText() SetWindowText() GetText() GetModify() 	A
104	<p>Which function is used to store plain text in the control:</p> <ol style="list-style-type: none"> SetWindowText() SetWindowPos() SetTextPos() SetText() 	A
105	<p>A _____ is a tool for drawing lines and shape borders.</p> <ol style="list-style-type: none"> Brush Pencil Pen All 	C
106	<p>Which type of applications are created in MFC ?</p> <ol style="list-style-type: none"> Single Document Interface Multiple Document Interface Dialog Based All of the above 	D
107	<p>Which of the following are the types of splitter window?</p> <ol style="list-style-type: none"> Static Splitter Dynamic Splitter Both None of the above 	C
108	<p>An SDI application has a document class derived from</p> <ol style="list-style-type: none"> CDoc CView CDocument CTemplate 	C
109	<p>. _____ structure is used with the values that define a column</p> <ol style="list-style-type: none"> LV_COLUMN LV_CLM LV_ITEM LV_COL 	A
110	<p>Which slider style give capability to draw tick marks on slider.</p> <ol style="list-style-type: none"> TBS_HORZ TBS_NOTICKS TBS_BOTH TBS_AUTOTICKS 	D
111	<p>Small pop-up window that describes purpose of a toolbar button.</p> <ol style="list-style-type: none"> Tooltip Tooltext Toolimage Tooldescription 	A

112	Which control Window indicates progress of a long operation? a. CSliderCtrl b. CProgressCtrl c. CProgCtrl d. CProgress	B
113	To create a ToolTip, we simply add the tip text to the end of the menu prompt, preceded by a _____. a. nextline character b. tabline (\t) character c. newline (\n) character d. None of the above	C
114	_____ is used by developers to create re-usable software components, link components together to build applications, and take advantage of Windows services. a. Microsoft COM b. Microsoft Component c. Microsoft DAO d. All	A
115	Which function of CRecordset class determines whether the recordset has been positioned before the first record? a. IsEOF() b. MoveBefore() c. IsBOF() d. BeforeRecord()	C
116	CRect class has a member function _____ that tests a point to see whether it falls inside a rectangle a. PtInRect() b. PointInR() c. Rect() d. Inside()	A
117	The window that contains a Activex control is called a _____. a. Content Window b. Container c. Content d. None of these	B
118	DLL is used to store one or more ActiveX controls, but that DLL often has an _____ filename extension. a. *. Ocx b. *. Ocd c. *. Dll d. *. Atx	A
119	The graphical images for the buttons on Toolbar are stored in a - _____ a. JPG Images b. Bitmap c. ImageMap d. All	B
120	Which Message is used to change the background colour of dialog or any specific control? a. WM_CTLCOLOR b. WM_COLOR c. WM_ONCTLCOLOR d. All Above	A
121	Logical coordinates are translated into device coordinates through what is called a. Logical Mapping b. Physical Mapping c. coordinate mapping d. None of the above	C
122	Which of the following is not a Fixed Scale mapping mode? a. MM_LOENGLISH b. MM_HIMETRIC c. MM_TWIPS d. MM_ANISOTROPIC	D
123	Which of the following class is derived from CControlBar class a. CStatusBar b. CToolBar c. Both d. None	C
124	GDI stands for: a. Graphics Driver Interface b. Graphics Device Interface c. Graphical Disk Interface d. Graphical Device Interface	B

CA 9.5 NLP (254905)

Question bank

QUE · NO.	QUESTION	ANS
1	Which of the following is not the Text Preprocessing step? PoS tagging a. Text Segmentation b. Tokenization c. Text normalization	A
2	The following areas where NLP can be useful - a. Automatic Text Summarization b. Information Retrieval c. Automatic Question-Answering Systems d. All of the Above	D
3	Machine Translation is that converts - a. Human language to machine language b. One human language to another c. Any human language to English d. Machine language to human language	B
4	One of the main challenge/s of NLP Is _____. a. Handling Tokenization b. Handling Ambiguity of Sentences c. Handling POS-Tagging d. All of the above	B
5	Morphological Segmentation a. Is an extension of propositional logic b. Does Discourse Analysis c. Separate words into individual morphemes and identify the class of the morphemes d. None of the mentioned	C
6	In linguistic morphology, _____ is the process for reducing inflected words to their root form. a. Stemming b. Rooting	A

	c. Text-Proofing d. Both a & b	
7	Which of the following NLP tasks use sequential labeling technique? a. POS tagging b. Named Entity Recognition c. Speech recognition d. All of the above	D
8	In POS tagging problem, what is the output of Viterbi algorithm? a. Probability of word sequence given a particular tag sequence b. Optimal transition and observation probabilities for HMM c. Probability of the best tag sequence given a word sequence d. None of the above	C
9	What type of ambiguity exists in the word sequence “Time flies”? a. Syntactic b. Semantic c. Phonological d. Anaphoric	B
10	Let $G = (V, T, S, P)$ be a context-free grammar such that Variables $V = \{S, R\}$, Terminal symbols $T = \{0, 1\}$ Productions $P = \{S \rightarrow R1R1R1R, R \rightarrow 0R \mid 1R \mid \square\}$ Which of the following languages are supported by this grammar? a. $L = \{w \mid w \text{ contains at least three } 1\text{'s}\}$ b. $L = \{w \mid \text{the length of } w \text{ is odd and its middle is } 0\}$ c. $L = \{w \mid w \text{ contains more } 1\text{'s than } 0\text{'s}\}$ d. None of above	A
11	Natural language processing is divided into the two subfields of – a. symbolic and numeric b. algorithmic and heuristic c. time and motion d. understanding and generation	D
12	Which of the following techniques can be used for keyword normalization in NLP, the process of converting a keyword into its base form? a. Lemmatization b. Tokenization c. Cosine Similarity d. N-grams	A

13	<p>Which of the following techniques can be used to compute the distance between two word vectors in NLP?</p> <ul style="list-style-type: none"> a. Lemmatization b. Shortest Distance c. Cosine Similarity and Euclidean distance d. N-grams 	C
14	<p>Which of the text parsing techniques can be used for noun phrase detection, verb phrase detection, subject detection, and object detection in NLP.</p> <ul style="list-style-type: none"> a. Part of speech tagging b. Skip Gram and N-Gram extraction. c. Continuous Bag of Words d. Dependency Parsing and Constituency Parsing 	D
15	<p>In Information Retrieval which algorithm decreases the weight for commonly used words and increases the weight for words that are not used very much in a collection of documents</p> <ul style="list-style-type: none"> a. Term Frequency (TF) b. Inverse Document Frequency (IDF) c. Word2Vec d. Latent Dirichlet Allocation (LDA) 	B
16	<p>In text preprocessing, the process of removing words like “and”, “is”, “a”, “an”, “the” from a sentence is called as</p> <ul style="list-style-type: none"> a. Stemming b. Lemmatization c. Stop word removal d. All of the above 	C
17	<p>In NLP, The process of converting a sentence or paragraph into tokens is referred to as –</p> <ul style="list-style-type: none"> a. Tokenization b. Stemming c. Stopword removal d. All the above 	A
18	<p>In NLP, The process of identifying words those represent people, organizations, locations and time from a given sentence, paragraph is called</p> <ul style="list-style-type: none"> a. Stemming b. Lemmatization c. Stop word removal d. Named entity recognition 	D

19	<p>Which one of the following is not a pre-processing technique in NLP</p> <ul style="list-style-type: none"> a. Stemming and Lemmatization b. converting to lowercase c. removing punctuations and stop words d. Sentiment Analysis 	
20	<p>Consider Following and select correct answer of the questions 20 to 23.</p> <p>$G = (V, T, S, P)$</p> <p>$V = \{S, NP, VP, PP, Det, Noun, Verb, ss Pre\}$</p> <p>$T = \{'a', 'ate', 'cake', 'child', 'fork', 'the', 'with'\}$</p> <p>$S = S$</p> <p>$P = \{ S \rightarrow NP VP$ $NP \rightarrow Det NP \mid NP PP \mid Noun$ $PP \rightarrow Pre NP$ $VP \rightarrow Verb NP$ $Det \rightarrow 'a' \mid 'the'$ $Noun \rightarrow 'cake' \mid 'child' \mid 'fork'$ $Pre \rightarrow 'with'$ $Verb \rightarrow 'ate' \mid 'run' \}$</p> <p>What is defined above?</p> <ul style="list-style-type: none"> a. Language Production Rules b. Language G c. Context Free Grammar d. All the above 	D
21	<p>If above is part of English grammar and Det indicates determiner or article then which words from following could be added to RHS of Det and also in the set T</p> <ul style="list-style-type: none"> a. an b. it c. they d. not 	A
22	<p>Which of the following could not be parsed by applying above grammar-</p> <ul style="list-style-type: none"> a. The child ate a cake b. The child ate cake with a fork c. A child run with the cake d. The cake ate with the child e. None of above 	E

23	<p>Select correct choice to add in above grammar to make following sentence valid.</p> <p>“The child ate a sweet cake”</p> <p>a. Adj → ‘sweet’ NP → Adj NP</p> <p>b. NP → Adj VP Adj → ‘Sweet’</p> <p>c. Adj → ‘sweet’ VP → adj VP</p> <p>d. None of above</p>	
24	<p>What is not true about dependency parsing.</p> <p>a. It is not valid in NLP</p> <p>b. It is also known as syntactic parsing.</p> <p>c. It can be used in semantic analysis</p> <p>d. All the above</p>	
25	<p>HMM in Machine Learning means -</p> <p>a. Human Machine Model</p> <p>b. Hidden Markov Model</p> <p>c. Hyper Markup Model</p> <p>d. Hidden Markup language</p>	B
26	<p>This is the part of first phase of Natural Language Processing.</p> <p>a. Semantic Analysis</p> <p>b. Context recognition</p> <p>c. Tokenization</p> <p>d. None of the mentioned</p>	C
27	<p>What type of ambiguity exists in the word sequence “The old man the ship”?</p> <p>a. Syntactic</p> <p>b. Semantic</p> <p>c. Morphological</p> <p>d. Anaphoric</p>	C
28	<p>Select the correct choice from the following that could be added to make this sentence valid in above grammar - “The child ate a sweet cake”</p> <p>a. Adj → ‘sweet’ , NP → Adj NP</p> <p>b. NP → Adj VP , Adj → ‘Sweet’</p> <p>c. Adj → ‘sweet’, VP → adj VP</p> <p>d. None of above</p>	A

29	<p>In Information Retrieval algorithm denotes specificity of the word to the document in the corpus.</p> <ol style="list-style-type: none"> Term Frequency (TF) Inverse Document Frequency (IDF) Word2Vec Latent Dirichlet Allocation (LDA) 	B
30	<p>If Morphological Parsing is applied on the word 'opened' which is its correct formation from the following.</p> <ol style="list-style-type: none"> open+ed opened = open+ed = open + <past> opened = <verb>+<past> None of above 	B
31	<p>What is the value of $P(\text{house} \text{the})$ if expression given in Q47 is applied using following corpus data. The man owns the house. He owns a car. The car is parked in the garden. The garden is near the house. (A) $1/4$ (B) $3/4$ (C) $1/6$ (D) $1/3$</p>	D
32	<p>_____ is the technique that is used for keyword normalization in NLP, the process of converting a keyword into its base form?</p> <ol style="list-style-type: none"> Tokenization Lemmatization Cosine Similarity N-grams 	B
33	<p>Machine Translation is that converts -</p> <ol style="list-style-type: none"> Human language to machine language One human language to another Any human language to English Machine language to human language 	B
34	<p>In linguistic morphology, _____ is the process for reducing inflected words to their root form.</p> <ol style="list-style-type: none"> Stemming Rooting Text-Proofing Both a & b 	A
35	<p>What are the challenge/s of NLP?</p> <ol style="list-style-type: none"> Handling Ambiguity of Sentences Handling Tokenization 	D

	c. Handling POS-Tagging d. None of above	
36	<p>If we want to estimate if a patient is Covid Positive or Negative, from given patient data which of the following Machine Learning methods is used?</p> <ul style="list-style-type: none"> a. Binary Classification b. Multiclass classification c. Structured Estimation d. None of above 	A
37	<p>Which of the following are the Part-of-speech tagging approaches?</p> <ul style="list-style-type: none"> a. Rule-Based Approaches b. Markov Model Approaches c. Maximum Entropy Approaches d. All the above 	D
38	<p>Which of the following does not require the application of NLP?</p> <ul style="list-style-type: none"> a. Classifying SPAM b. Classifying scanned document images as 'handwritten' or 'printed' c. Automatic generation of captions for images d. Building a sentiment analysis for tweets 	B
39	<p>Which of the following does not require the application of NLP?</p> <ul style="list-style-type: none"> a. Classifying SPAM b. Classifying scanned document images as 'handwritten' or 'printed' c. Automatic generation of captions for images d. Building a sentiment analysis for tweets 	C
40	<p>Word Segmentation is mostly used when:</p> <ul style="list-style-type: none"> a. Hyphens are present b. Long Sentences c. Multiple words get concatenated d. Long sentences 	C
41	<p>Which of the following words contain both inflectional as well as derivational morphology?</p> <ul style="list-style-type: none"> a. Carefully b. Wonderfully c. Older d. Availabilities 	D

42	<p>If Morphological Parsing is applied on the word 'foxes' which is its correct formation from the following.</p> <ul style="list-style-type: none"> a. fox+es b. foxes = fox+es = fox + <plural> c. foxes = fox+es = <noun>+<plural> d. None of above 	B
43	<p>Which of the following words can be validated using the e-insertion rule of noun morphology?</p> <ul style="list-style-type: none"> a. foxes b. boxes c. ashes d. All the above 	C
44	<p>Which of the following are the important characteristics of supervised learning approach?</p> <ul style="list-style-type: none"> a. Splitting the dataset into the training set and the test. b. Labels dataset c. Classification Problems d. All the above 	D
45	<p>The theory that deals with predicting how likely it is that something will happen is termed as -----</p> <ul style="list-style-type: none"> a. Prediction b. Assumption c. Conditional dependency d. Probability Theory 	D
46	<p>Which of the following could not correctly parsed by applying above grammar-</p> <ul style="list-style-type: none"> a. The girl on a walk sits on a mat b. The man walks on mat c. A man sits on a mat d. None of above 	C
47	<p>Which of the following is not the regularly inflected verb?</p> <ul style="list-style-type: none"> a. ate b. opened c. closed d. merged 	A
48	<p>Apply Lavenshtein's algorithm to compute the minimum edit distance between the words "Minimum" and "Optimum".</p> <p>(A) 3 (B) 4 (C) 2</p>	A

	1	
49	<p>Which of the following is/are the type of Machine Learning Problems?</p> <p>(A) Binary Classification</p> <p>(B) Multiclass Classification</p> <p>(C) Regression</p> <p>(D) All of the above</p>	D
50	<p>Which of the following is not the type of Morphology?</p> <p>(A) Inflection</p> <p>(B) Derivation</p> <p>(C) Cliticization</p> <p>(D) Translation</p>	D
51	<p>A fair coin is tossed 3 times. What is the chance of at least 2 heads? Which is the correct probability space from the following?</p> <p>(A) {HHH,HHT,HTH, HTT, THH, THT, TTH, TTT}</p> <p>(B) {HHH, HHT, HTH, THH}</p> <p>(C) {HTH, HTT, THH, THT, TTH}</p> <p>{HHH, TTT}</p>	B
52	<p>The expression of Q47 as explained above could be simplified by the following expression.</p> $P(w_n w_{n-1}) = \frac{C(w_{n-1}w_n)}{C(w_{n-1})}$ <p>This could be explained as-</p> <p>(A) The sum of all bigram counts that start with a given word W_{n-1} must be equal to the unigram count for that word W_{n-1}</p> <p>(B) There is no occurrence of W_n after W_{n-1}</p> <p>(C) There is no need of counting count of W_{n-1}</p> <p>(D) Count of $W_{n-1}W_n$ is 0</p>	A
53	<p>In a sentence, obviously there exist some words for which more than one POS tag is possible. Such words are known as</p> <p>(A) Synonym words</p> <p>(B) Antonym words</p> <p>(C) Ambiguous words</p> <p>(D) NER words</p>	C

54	<p>“Given a word W in a sentence and an inventory of possible semantic tags for that word, resolving which tag is appropriate for the individual word W”.</p> <p>This problem is identified in NLP as-----</p> <p>(A) Word Sense Disambiguation</p> <p>(B) Non vocabulary word</p> <p>(C) POS tagging</p> <p>(D) None of above</p>	A
55	<p>Wordnet is useful in semantic analysis since.....</p> <p>(A) Wordnet is evolving</p> <p>(B) Wordnet is the network of words</p> <p>(C) It focuses on the meaning of words by dividing them into categories</p> <p>(D) It connects different words into a network</p>	C
56	<p>In the above given sentence (Q 25) which word(s) can be tagged as adjective?</p> <p>(A) good working</p> <p>(B) Khandesh region</p> <p>(C) Covid patient</p> <p>(D) All of the above</p>	A
57	<p>In a sentence, obviously there exist some words for which more than one POS tag is possible. Such words are known as-</p> <p>(A) Synonym words</p> <p>(B) Antonym words</p> <p>(C) Ambiguous words</p> <p>(D) NER words</p>	C
58	$P(T W) = \frac{P(W T)P(T)}{P(W)}$ <p>Above is the well known -----</p> <p>(A) HMM Model</p> <p>(B) Naive Bayes' Theorem</p> <p>(C) N-gram model</p> <p>(D) All the above</p>	B
59	<p>Which of the following are the Part-of-speech tagging approaches?</p> <p>(A) Rule-Based Approaches</p> <p>(B) Markov Model Approaches</p>	D

	<p>(C) Maximum Entropy Approaches</p> <p>(D) All the above</p>	
60	<p>Which of the following is the correct definition of Machine Learning?</p> <p>(A) Learning of Machines from lessons</p> <p>(B) Optimizing a performance criterion using example data and past experience</p> <p>(C) Learning of human like a machine</p> <p>(D) All the above</p>	B
61	<p>The Cocke–Kasami–Younger (CKY, sometimes written CYK) algorithm, first described in the 1960s (Kasami 1965, Younger 1967), Which of the following describes CKY.</p> <p>(A) CKY is a purely bottom-up algorithm</p> <p>(B) CKY is the simplest context-free parsing algorithm</p> <p>(C) CKY only works for grammars in CNF</p> <p>(D) All the above</p>	D
62	<p>Which of the following words can be validated using the e-insertion rule of verb morphology?</p> <p>(A) made</p> <p>(B) opened</p> <p>(C) explored</p> <p>(D) closed</p>	B
63	<p>What are the two broad classes of morphemes?</p> <p>(A) stem and suffixes</p> <p>(B) suffixes and affixes</p> <p>(C) prefixes and suffixes</p> <p>postfix and prefix</p>	A
64	<p>Consider the following text data , “In the Khandesh region, covid patients are growing, despite all the care. More ventilators shall be made available”.</p> <p>How many sentences and words are there.</p> <p>(A) 2, 17</p> <p>(B) 4, 16</p> <p>(C) 2, 15</p> <p>(D) 3, 17</p>	A
65	<p>Which of the following is not the regularly inflected verb?</p> <p>(A) Opened (B) closed (C) merged (D) felt</p>	A

66	<p>What is not true about dependency parsing.</p> <p>(A) It is not valid in NLP</p> <p>(B) It is also known as syntactic parsing.</p> <p>(C) It can be used in semantic analysis</p> <p>(D) All the above</p>	A
67	<p>Which of the following words contain both inflectional as well as derivational morphology?</p> <p>(A) Sweetest</p> <p>(B) Mainly</p> <p>(C) Olderly</p> <p>Availabilities</p>	D
68	<p>In text preprocessing, the process of removing words like “and”, “is”, “a”, “an”, “the” from a sentence is called as</p> <p>(A) Stemming (B) Lemmatization (C) Stop word removal (D) All the above</p>	C
69	<p>In the POS tagging problem, what is the output of the Viterbi algorithm?</p> <p>(A) Probability of word sequence given a particular tag sequence</p> <p>(B) Optimal transition and observation probabilities for HMM</p> <p>(C) Probability of the best tag sequence given a word sequence</p> <p>(D) None of the above</p>	C
70	<p>Which of the following techniques can be used to compute the distance between two word vectors in NLP?</p> <p>(A) Lemmatization</p> <p>(B) Shortest Distance</p> <p>(C) Cosine Similarity and Euclidean distance</p> <p>(D) N-grams</p>	C
71	<p>From above parse tree (Q57) the production rule of forming sentence is-</p> <p>(A) $S \rightarrow NP + VP$</p> <p>(B) $S \rightarrow VP + NP$</p> <p>(C) $S \rightarrow NP + Verb$</p> <p>(D) None of above</p>	A
72	<p>Which of the following is the correct definition of Machine Learning?</p> <p>(A) Learning of Machines from lessons</p>	B

	<p>(B) Optimizing a performance criterion using example data and past experience</p> <p>(C) Learning of human like a machine</p> <p>(D) All the above</p>	
73	<p>“The man who saw the girls can . . .”. To estimate the next word which model could be used from the following.</p> <p>a. n-gram model</p> <p>b. bayes theorem</p> <p>c. tokenizer</p> <p>d. none of above</p>	A
74	<p>Natural Language Processing is all about -----</p> <p>(A) Computer Science and Application</p> <p>(B) Theory of Computational Linguistic</p> <p>(C) Computer Science and Linguistics</p> <p>(D) All the above</p>	D
75	<p><g l a s s ^ s #> = g l a s s e s , applies-----</p> <p>(A) e-insertion rule (B) es-insertion rule (C) k-insertion rule (D) none of above</p>	A
76	<p>“Unknown words”, occurring in the text that is to be processed are termed as.....for the language.</p> <p>(A) Non Vocabulary words</p> <p>(B) Out of Vocabulary</p> <p>(C) Foreign words</p> <p>(D) All the above</p>	D
77	<p>If derivation is the combination of a word stem with a grammatical morpheme, usually resulting in a word of a different class. Which of the following defines the derivational morphology.</p> <p>(A) Computerization (noun) Computerize(verb)</p> <p>(B) Mice (pl-noun) , Mouse (sl-noun)</p> <p>(C) Opened (pst-verb), Open(prest-verb)</p> <p>(D) None of above</p>	A
78	<p>Which of the following is the correct definition of Machine Learning?</p> <p>(A) Learning of Machines from lessons</p> <p>(B) Optimizing a performance criterion using example data and past experience</p> <p>(C) Learning of human like a machine</p> <p>(D) All the above</p>	B

79	$P(w_n w_{n-1}) = \frac{C(w_{n-1}w_n)}{\sum_w C(w_{n-1}w)}$ <p>Consider the above expression where W_n and W_{n-1} are two words at $n-1$ and n positions in a sentence. $C(x)$ is the number of occurrences of a pattern x in the sentence. What does it calculate?</p> <p>(A) Probability of Bigram occurrence $W_{n-1}W_n$ (B) Percentage of occurrence of W_n after the word W_{n-1} (C) Occurrence of the word W_n and W_{n-1} together (D) None of above</p>	A
80	$P(T W) = \frac{P(W T)P(T)}{P(W)}$ <p>in above expression $P(T)$ and $P(W)$ are the initial probability of T and W that can be calculated by</p> <p>(A) sample data (B) corpus data (C) can not be calculated (D) A & B both</p>	D
81	$\hat{\theta}_{ML}[X] := \underset{\theta}{\operatorname{argmax}} p(X; \theta).$ <p>This expression defines</p> <p>(A) Minimum likelihood estimator (B) Maximum likelihood estimator (C) Maximum probability estimator (D) Minimum Probability estimator</p>	B
82	<p>Which of the following words can be validated using k-insertion rules of noun morphology-</p> <p>(A) Make (B) Sake (C) Panicked (D) Booked</p>	C
83	<p>If derivation is the combination of a word stem with a grammatical morpheme, usually resulting in a word of a different class. Which of the following defines the derivational morphology.</p> <p>(A) Computerization (noun) Computerize(verb) (B) Mice (pl-noun) , Mouse (sl-noun) (C) Opened (pst-verb), Open(prest-verb)</p>	A

	(D) None of above	
84	<p>Statistical machine translation (SMT) takes a source sequence, $S = [s_1 s_2 \dots s_K]$, and generates a target sequence, $T^* = [t_1 t_2 \dots t_L]$. In this problem following expression defines -</p> $T^* = \arg \max_{T \in \mathcal{T}} p(T S).$ <p>(A) Most likely translation sequence T (B) Most likely source sequence S (C) Maximum Probability of target sequence T (D) None of Above</p>	A
85	<p>CRF in Machine Learning and NLP indicates-----</p> <p>(A) Control Random Field (B) Control Rational Field (C) Conditional Rational Field (D) Conditional Random Field</p>	D
86	<p>A corpus can be defined as a-----</p> <p>(A) Set of documents (B) Set of sample data (C) collection of machine-readable authentic texts. (D) All the above</p>	C
87	<p>“Machine learning involves the techniques and basis from both statistics and computer science”. This sentence is</p> <p>(A) False (B) True (C) Ambiguous (D) None of above</p>	B
88	<p>“We can can the can”. If this is a valid sentence, what are the respective categories of the word “can” here.</p> <p>(A) noun, verb, adjective (B) auxiliary, verb, noun (C) verb, noun, adverb (D) verb, verb, verb</p>	B
89	<p>If we want to estimate the heart rate of an athlete given accelerometer data which of the following Machine Learning methods is used?</p> <p>(A) Regression (B) Multiclass classification</p>	A

	(C) Regression (D) All of the above	
94	Which of the following is the correct definition of Finite state transducer (FST)? (A) FST is a finite automaton that uses two symbols input and output. (B) FST is the information transformer (C) FST is combination of Finite State Machine and POS tagging All the above	A
95	Hidden Markov Model is mainly used for (A) Sequence prediction (B) Pattern recognition (C) Likelihood estimation (D) N-gram occurrence	A
96	$\mathcal{D}: X = \{\mathbf{x}^{(n)} \in \mathbb{R}^d\}_{n=1}^N, Y = \{y^{(n)} \in \mathbb{R}\}_{n=1}^N$ What is defined by D in above definition? (A) D is Labeled dataset (B) D is an Unlabeled data (C) Definition is incomplete (D) None of above is true	A
97	In text preprocessing, the process of removing most frequently occurring words those are very common in most of the documents in the corpus is defined as. (A) Stop word removal (B) Lemmatization (C) Stemming (D) All of the above	A
98	The NER is necessary to identify the places, organizations, people while processing the natural language documents. The NER words are ----- (A) Out of Vocabulary words (B) Foreign words (C) Named Entity Words (D) All of the above	C
99	Which of the following techniques can compute the similarity distance between two vectors of words V1 and V2? (A) Lavalenshtiens algorithm	C

	(B) Shortest Distance (C) Cosine Similarity and Euclidean distance (D) N-grams	
100	Which of the following are the real challenges of PoS tagging. (A) consistency of the tagset (B) Ambiguous words (C) Non vocabulary words (D) All of above	D
101	If derivation is the combination of a word stem with a grammatical morpheme, usually resulting in a word of a different class. Which of the following defines the derivational morphology. (A) Computerization (noun) Computerize(verb) (B) Mice (pl-noun) , Mouse (sl-noun) (C) Opened (pst-verb), Open(prest-verb) (D) None of above	A

Subject Code	CA-9.2
Subject	Cloud Computing
Paper Code	254902

QUE. NO.	QUESTION	ANS
1	Which of these companies is not a leader in cloud computing? A. Google B. Blackboard C. Microsoft D. Amazon	B
2	What is Cloud Computing replacing? A. Corporate data centres B. Expensive personal computer hardware C. Expensive software upgrades D. All of These	D
3	"Cloud" in cloud computing represents what? A. Internet B. Wireless C. Hard drives D. People	A

4	<p>Which is not a major cloud computing platform?</p> <p>(A) Google 101</p> <p>(B) IBM Deep Blue</p> <p>(C) Microsoft Azure</p> <p>(D) Amazon EC2</p>	B
5	<p>_____ tool is used to create business logic for your application.</p> <p>A.Presentation Builder</p> <p>B.Business Process Designer</p> <p>C.Business Object Build</p> <p>D.Business Development Model</p>	B
6	<p>which of the following type of virtualization is also characteristic of cloud computing?</p> <p>A. Storage</p> <p>B. Application</p> <p>C. CPU</p> <p>D. All of the Above</p>	D
7	<p>the technology used to distribute service requests to resources is referred to as:</p> <p>A. Load performing</p> <p>B. Load scheduling</p> <p>C. Load balancing</p> <p>D. None of these</p>	C
8	<p>Point out the correct statement:</p> <p>A. A client can request access to a cloud service from any location</p> <p>B. A cloud has multiple application instances and directs requests to an instance based on conditions</p> <p>C. Computers can be partitioned into a set of virtual machines with each machine being assigned a workload</p> <p>D. All of these</p>	D

9	<p>Which of the following network resources can be load balanced?</p> <ul style="list-style-type: none"> A. Connections of internet B. Data Network C. Storage resource D. Domain 	C
10	<p>Which of the following service provider provides the least amount of built-in security?</p> <ul style="list-style-type: none"> A. SaaS B. PaaS C. IaaS D. Cloud Governance 	C
11	<p>Which of the following services that need to be negotiated in Service Level Agreements?</p> <ul style="list-style-type: none"> A. Logging B. Auditing C. Regulatory compliance D. All of these 	D
12	<p>Which one of these is not a cloud computing pricing model?</p> <ul style="list-style-type: none"> A. Free B. Ladder C. Pay Per Use D. Subscription 	B
13	<p>Which of these is not a major type of cloud computing usage?</p> <ul style="list-style-type: none"> A. Hardware as a Service B. Platform as a Service C. Software as a Service D. Infrastructure as a Service 	A

14	<p>Google Docs is a type of cloud computing.</p> <p>A. True</p> <p>B. False</p>	A
15	<p>_____ is a cloud computing service model in which hardware is virtualized in the cloud.</p> <p>A. PaaS</p> <p>B. CaaS</p> <p>C. IaaS</p> <p>D. All of Above</p>	C
16	<p>_____ as a Service is a cloud computing infrastructure that creates a development environment upon which applications may be built.</p> <p>A. Infrastructure</p> <p>B. Platform</p> <p>C. Service</p> <p>D. All of Above</p>	B
17	<p>Which of the following is application and infrastructure management software for hybrid multi-clouds?</p> <p>A. Tapinsystems</p> <p>B. Web metrics</p> <p>C. VMware Hyperic</p> <p>D. Univa UD</p>	A
18	<p>Which of the following is the open cloud storage management standard by SNIA?</p> <p>A. Adequate bandwidth</p> <p>B. CDMI</p> <p>C. CEA</p> <p>D. OCCI</p>	B

19	<p>The addition of a software package on top of a cloud storage volume makes most cloud storage offerings conform to a _____ as a Service model.</p> <p>A. Platform</p> <p>B. Analytics</p> <p>C. Software</p> <p>D. None of above</p>	C
20	<p>How many categories of storage devices broadly exist in the cloud?</p> <p>A. 2</p> <p>B. 1</p> <p>C. 4</p> <p>D. 3</p>	A
21	<p>Which of the following is the fundamental unit of the virtualized client in an IaaS deployment?</p> <p>A. Work unit</p> <p>B. Workspace</p> <p>C. Workload</p> <p>D. Work-Space</p>	C
22	<p>_____ serves as a PaaS vendor within Google App Engine system.</p> <p>A. Google</p> <p>B. Amazon</p> <p>C. Microsoft</p> <p>D. Bing</p>	A
23	<p>Point out the wrong statement:</p> <p>A. The customer takes no responsibility for maintaining the hardware, the software, or the development of the applications</p> <p>B. The vendor is responsible for all the operational aspects of the service</p> <p>C. Google's App Engine platform is IaaS offering</p>	C

	D. None of these	
24	<p>Which of the following can be considered PaaS offering?</p> <p>A. Google Maps</p> <p>B. Gmail</p> <p>C. Google Earth</p> <p>D. All of these</p>	A
25	<p>_____ is the most refined and restrictive service model.</p> <p>A. IaaS</p> <p>B. CaaS</p> <p>C. PaaS</p> <p>D. SaaS</p>	C
26	<p>_____ provides virtual machines, virtual storage, virtual infrastructure, and other hardware assets.</p> <p>A. IaaS</p> <p>B. SaaS</p> <p>C. PaaS</p> <p>D. All of these</p>	A
27	<p>Which of the following SaaS platform is with an exposed API?</p> <p>A. Salesforce.com</p> <p>B. Amazon.com</p> <p>C. Flipkart.com</p> <p>D. None of these</p>	A
28	<p>Point out the wrong statement:</p> <p>A. SaaS applications come in all shapes and sizes</p> <p>B. Every computer user is familiar with SaaS systems</p> <p>C. SaaS software is not customizable</p>	D

	D. None of the above	
29	<p>which of the following is a SaaS characteristic?</p> <p>A. The typical license is subscription-based or usage-based and is billed on a recurring basis</p> <p>B. The software is available over the Internet globally through a browser on demand</p> <p>C. The software and the service are monitored and maintained by the vendor</p> <p>D. All of the above</p>	D
30	<p>_____ applications have a much lower barrier to entry than their locally installed competitors.</p> <p>A. IaaS</p> <p>B. CaaS</p> <p>C. PaaS</p> <p>D. None of the above</p>	D
31	<p>SaaS supports multiple users and provides a shared data model through _____ model.</p> <p>A. Single-tenancy</p> <p>B. Multi-tenancy</p> <p>C. Multiple-instance</p> <p>D. All of above</p>	B

32	<p>Point out the wrong statement.</p> <p>A. Abstraction enables the key benefit of cloud computing: shared, Ubiquitous access</p> <p>B. Virtualization assigns a logical name for a physical resource and then Provides a pointer to that physical resource when a request is made</p> <p>C. All cloud computing applications combine their resources into pools that Can be assigned on demand to users</p> <p>D. All of the mentioned</p>	C
33	<p>..... describes a cloud service that can only be accessed by a limited amount of people.</p> <p>A. Data Center</p> <p>B. Public Cloud</p> <p>C. Private Cloud</p> <p>D. Virtulization</p>	C
34	<p>..... describes a cloud service that can only be accessed by a limited amount of people.</p> <p>A. Data Center</p> <p>B. Public Cloud</p> <p>C. Virtulization</p> <p>D. Private Cloud</p>	D
35	<p>Which of the following refers to services and applications that run on a distributed network using virtualized resources.</p> <p>A. Distributed</p> <p>B. Cloud</p> <p>C. Parallel</p> <p>D. None of these</p>	B

36	<p>37.Choice the wrong statement.</p> <p>A.The massive scale of cloud computing systems was enabled by the popularization of the Internet</p> <p>B.Soft computing represents a real paradigm shift in the way in which systems are deployed</p> <p>C.Cloud computing makes the long-held dream of utility computing possible with a pay-as you-go, infinitely scalable, universally available system</p> <p>D. All of the mentioned</p>	B
37	<p>_____ as a utility is a dream that dates from the beginning of the computing industry itself.</p> <p>A. Model</p> <p>B. Computing</p> <p>C. Software</p> <p>D. All of the mentioned</p>	B
38	<p>_____ is essential concept related to Cloud?</p> <p>A. Reliability</p> <p>B. Abstraction</p> <p>C. Productivity</p> <p>D. All of the mentioned</p>	B
39	<p>Choice the wrong statement.</p> <p>A. All applications benefit from deployment in the cloud</p> <p>B. With cloud computing, you can start very small and become big very fast</p> <p>C. Cloud computing is revolutionary, even if the technology it is built on is evolutionary</p> <p>D. None of the mentioned</p>	A
40	<p>_____ is cloud concept is related to pooling and sharing of resources?</p> <p>A. Polymorphism</p> <p>B. Abstraction</p> <p>C. Virtualization</p> <p>D. None of the mentioned</p>	C

41	<p>Which of the following has many of the characteristics of what is now being called cloud computing.</p> <ul style="list-style-type: none"> A. Internet B. Softwares C. Web Service D. All of the mentioned 	A
42	<p>_____ can be identified as cloud?</p> <ul style="list-style-type: none"> A. Web Applications B. Intranet C. Hadoop D. All of the mentioned 	C
43	<p>Cloud computing is an abstraction based on the notion of pooling physical resources and presenting them as a _____ resource.</p> <ul style="list-style-type: none"> A. real B. virtual C. cloud D. none of the mentioned 	B
44	<p>_____ is Cloud Platform by Amazon?</p> <ul style="list-style-type: none"> A. Azure B. AWS C. Cloudera D. All of the mentioned 	B
45	<p>Which of the following model consists of the particular types of services that you can access on a cloud computing platform</p> <ul style="list-style-type: none"> A. Service B. Servix C. Application D. None of the mentioned 	A

46	<p>Choice the correct statement.</p> <ul style="list-style-type: none"> A. The use of the word “cloud” makes reference to the two essential concepts B. Cloud computing abstracts systems by pooling and sharing resources C. cloud computing is nothing more than the Internet D. All of the mentioned 	A
47	<p>Which is refers to the location and management of the cloud’s infrastructure.</p> <ul style="list-style-type: none"> A. Service B. Deployment C. Application D. None of the mentioned 	B
48	<p>Choice the wrong statement.</p> <ul style="list-style-type: none"> A. Cloud Computing has two distinct sets of models B. Amazon has built a worldwide network of datacenters to service its search engine C. Azure enables .NET Framework applications to run over the Internet D. None of the mentioned 	B
49	<p>_____ is best known service model?</p> <ul style="list-style-type: none"> A. SaaS B. IaaS C. PaaS D. All of the mentioned 	D
50	<p>Which model originally did not require a cloud to use virtualization to pool resources?</p> <ul style="list-style-type: none"> A. NEFT B. NIST C. NIT D. All of the mentioned 	B

51	<p>Which model attempts to categorize a cloud network based on four dimensional factors?</p> <ul style="list-style-type: none"> A. Cloud Square B. Cloud Service C. Cloud Cube D. All of the mentioned 	C
52	<p>_____ Dimension is related to organization's boundaries?</p> <ul style="list-style-type: none"> A. Physical location of data B. Ownership C. Security boundary D. All of the mentioned 	A
53	<p>Cloud Security Architecture have _____</p> <ul style="list-style-type: none"> A. User Security B. Information Security C. Application level Security D. All of Above 	D
54	<p>Which of following is not Cloud Security Challenge?</p> <ul style="list-style-type: none"> A. D-Dos Attack B. Data Loss C. Insecure access D. None of Above 	D
55	<p>Which of following is not part of Asset Management?</p> <ul style="list-style-type: none"> A. Cloud Provisioning B. Incident Management C. Configuration Management D. None of Above 	A

56	<p>_____ focused on recovering from interruption like server failure, software failures, power failures?</p> <p>A. High Availability B. Disaster Recovery C. Both A & B D. None of Above</p>	A
57	<p>_____ is proper definition of roles and responsibilities within an appropriate organizational structure?</p> <p>A. Cloud Vision B. IAAS C. Cloud Governance D. Disaster Recovery</p>	C
58	<p>Live Migration is also called as _____?</p> <p>A. Cold Migration B. Hot Migration C. Cloud Migration D. None of Above</p>	B
59	<p>Which of the following Steps involve in Live-Migration?</p> <p>A. Reservation B. Iterative pre-copy C. Commitment D. All of Above</p>	D
60	<p>_____ is also called as Regular Migration?</p> <p>A. Cold Migration B. Hot Migration C. Real Time migration D. None of Above</p>	A
61	<p>What is Cloud Computing replacing?</p> <p>A. Corporate data centers B. Expensive personal computer hardware C. Expensive software upgrades D. All of the above</p>	D

62	What is the number one concern about cloud computing? A. Too expensive B. Security concerns C. Too many platforms D. Accessibility	B
63	Which of these companies is not a leader in cloud computing? A. Google B. Amazon C. Blackboard D. Microsoft	C
64	Google Docs is a type of cloud computing. A. True B. False	A
65	“Cloud” in cloud computing represents what? A. Wireless B. Hard drives C. People D. Internet	D
66	Which of these should a company consider before implementing cloud computing technology? A. Employee satisfaction B. Potential cost reduction C. Information sensitivity D. All of the above	D
67	Which one of these is not a cloud computing pricing model? A. Free B. Pay Per Use C. Subscription D. Ladder E. Perpetual License	D
68	Which of these is not a major type of cloud computing usage? A. Hardware as a Service B. Platform as a Service C. Software as a Service D. Infrastructure as a Service	A
69	An Internet connection is necessary for cloud computing interaction. A. True B. False	A

70	Which is not a major cloud computing platform? A. Google 101 B. IBM Deep blue C. Microsoft Azure D. Amazon EC2	B
71	What exactly is cloud computing? A. A way to organize desktop computers B. Lightweight software that takes up little space on a hard drive C. Computing resources that can be accessed on demand from a utility D. The World Wide Web	C
72	What widely used service is built on cloud-computing technology? A. Twitter B. Skype C. Gmail D. All of above	D
73	Which of these techniques is vital for creating cloud-computing centres? A. Virtualization B. Transubstantiation C. Cannibalization D. Insubordination	A
74	An internal cloud is A. An overhanging threat B. A career risk for a CIO C. A cloud that sits behind a corporate firewall D. The group of knowledge workers who use a social network for water-cooler gossip	C
75	Match the provider with the cloud-based service. A. Amazon1. Azure B. IBM2. Elastic Compute Cloud C. EMC3. Decho D. Microsoft4. Cloudburst	A
76	Cloud computing embraces many concepts that were previously touted as the next big thing in information technology. Which of these is not an antecedent of the cloud? A. Software as a service B. Utility computing C. Remote hosted services D. Desktop computing	D

77	IBM, EMC and Boeing Co. were among the companies signing what document whose title is reminiscent of a famous political statement? A. Declaration of Cloud Computing B. The Rights of Cloud C. Mein Cloud D. Open Cloud Manifesto	D
78	The term “cloud computing” is a metaphor that originated in what? A. Graphical depiction of computer architectures B. Meteorological symbolism C. Worries about an unclear future for computing architectures D. The idea that computer users trust in magic	A
79	Link the cloud-based service on the left with the desktop or server application it is designed to displace on the right. A. Google Docs1. Intel servers B. Salesforce.com2. Microsoft Office C. Mozy.com3. Oracle customer-relationship management D. Amazon EC24. Backup disk	A
80	What August event was widely seen as an example of the risky nature of cloud computing? A. Spread of Conficker virus B. Gmail outage for more than an hour C. Theft of identities over the Internet D. Power outages in the Midwest	B
81	You can't count on a cloud provider maintaining your _____ in the face of government actions. a) scalability b) reliability c) privacy d) none of the mentioned.	C
82	Which of the following is Cloud Platform by Amazon ? a) Azure b) AWS c) Cloudera d) All of the mentioned	B
83	SWIGGY.IN formed a cloud for its all branches but due to its limited resources it obtained the services of AWS for extended provisioning and thus modified its cloud ; The cloud so formed is the example of _____ a) Private cloud b) Public cloud c) Hybrid cloud d) community cloud	C

84	<p>Which of the following is best known service model ?</p> <p>a) SaaS b) IaaS c) PaaS d) All of the mentioned</p>	D
85	<p>Point out the wrong statement :</p> <p>a) The vendor is responsible for all the operational aspects of the service b) The customer is responsible only for his interaction with the platform. c) Google's App Engine platform is PaaS offering d) SaaS require specific application to be accessed globally over the internet.</p>	D
86	<p>_____ Provides virtual machines, virtual storage, virtual infrastructure, and other hardware assets.</p> <p>a) IaaS b) SaaS c) PaaS d) All of the mentioned</p>	A
87	<p>Usually methods like RAID strategies are used in cloud computing to maintain integrity. What RAID stands for?</p> <p>a) Redundant array of independent disks b) Redundant arrangements of independent disks c) Removal of array in independent disks d) Remove array for integrity dependent</p>	A
88	<p>Point out the wrong statement :</p> <p>a) in cloud computing user don't have to worry about data backup and recovery b) cloud computing can be used by small as well as big organisation c) Cloud offer almost unlimited storage capacity d) All applications benefit from deployment in the cloud</p>	D
89	<p>Which of the following is owned by an organization selling cloud services?</p> <p>a) Public b) Private c) Community d) Hybrid</p>	A
90	<p>Point out the wrong statement :</p> <p>a) Except for tightly managed SaaS cloud providers, the burden of resource management is still in the hands of the user b) Cloud computing vendors run highly reliable networks c) All cloud computing applications combine their resources into pools that can be assigned on demand to users d) none of the above</p>	A
91	<p>All cloud computing applications suffer from the inherent____that is intrinsic in their WAN connectivity.</p> <p>a) propagation b) latency c) noise d) None of the mentioned</p>	B

92	<p>Which of the following is specified parameter of SLA ?</p> <p>a) Response times b) Responsibilities of each party c) Warranties d) All of the mentioned</p>	D
93	<p>Which of the following should be replaced with the question mark in the following figure?</p> <p>a) Abstraction b) Virtualization c) Mobility Pattern d) All of the mentioned</p>	B
94	<p>What is the biggest disadvantage of community cloud ?</p> <p>a) Collaboration has to be maintained with other participants b) Less security features c) Cloud is used by many organization for different purposes d) Organization losses business autonomy</p>	D
95	<p>_____ enables batch processing, which greatly speeds up high-processing applications.</p> <p>a) Scalability b) Reliability c) Elasticity d) Utility</p>	A
96	<p>Cloud computing shifts capital expenditures into _____ expenditures.</p> <p>a) operating b) service c) local d) none of the mentioned</p>	A
97	<p>Cloud computing is also a good option when the cost of infrastructure and management is _____</p> <p>a) low b) high c) moderate d) none of the mentioned</p>	B
98	<p>Which of the architectural layer is used as backend in cloud computing ?</p> <p>a) client b) cloud c) software d) Network</p>	B

99	<p>Which of the following is most important area of concern in cloud computing ?</p> <p>a) Security b) Storage c) Scalability d) All of the mentioned</p>	A
100	<p>_____refers to the location and management of the cloud's infrastructure.</p> <p>a) Service b) Deployment c) Application d) None of the mentioned</p>	B