**Technical Interview**

Every question contains 2 marks

2—for complete satisfactory answer

1-for partial satisfactory answer

0-for not satisfactory.

1.What is life cycle of App development.

2.Tell something about singleton class which singleton class you have used in IOS development and where you have used those.

3.Write the simple code to zoom the image on button.

4. Can I use core data as well as sqlite in my app?

5.What are cons of plist.

6. Your program will store 5 Employees information in terms of Employee ID and Employee name. Write the method which will accept Employee ID and return respective Employee name.

7.State root class in objective ‘C’.

8.State the difference between NSString and NSMutableString

9.State the collection class Name which stores the values in terms of Keys and Value pair.

10.Which collection class I will use for storing Multiple strings;

10.I have a float variable float myFloatValue=23.45.I want to convert it into the string.

Write the line of code.

11.I have a string value myFloatString. Like NSString \*myFloatString=@”568.34” convert it into to float.

12.I am working in Multithreaded environment which kind of property I will use.

13.Tell the difference between dynamic properties and synthesize properties.

14.What do you mean by strong properties.?

15.What the word auto release pool indicates?

16.When I will declare my property in extension and when I will declare it in .h file.?

17.By default all the methods declared in protocol are required or non required.

18.Is it possible in objective c to create one derived class inheriting multiple base classes.

19.Can I call the init method of ‘Objective C’ using object name and dot notation?

20.Explain what is retain cycle in ‘Objective ‘C’?

21.When I will use categories.?

22.If I am creating categories for my parent class.Is it possible that derived class object will get that category?

23.What is latest IOS version?

24. What is latest Mac OS version?

25.In InIt method what is better to use ID or Instance Type as return type?

26.Which is default attributes of protocol methods.

27 What is fast enumeration?

28.If I am calling a method myFun and that method does not exist then what error I will get?

29. Does ObjectiveC have function overloading?

30.What is ID?

31.Explain Stack and heap.

32.What compilers apple using?

33.What is public ,private ,protected?

34.What is the return type of init methods.

35.In objective C where You have used readOnly keyword?

36.What is default property type strong or weak?

37.I should use assign for object type or primitive type?

38.MK co-ordinate span is a type or class and why it is used?

39.What is CGRect class or type.When you will use CGRect?

40.Why to use the class CLLocationCoordinate2D

41.Which class you will use for putting pin on map

42. Which class provides services for converting between a coordinate (specified as a latitude and longitude) and the user-friendly representation of that coordinate.

43. **What is the difference between MKCoordinateSpan and CLLocationCoordinate2D?**

**44.Which are 2 approaches to fetch url data and which you have used**

**45.For fetching complex data from web you will use NSURLSession or NSURLRequest**

**46.Can I directly store image into NSUserDefaults? If yes how?**

**47.Supose you want to expose some user’s files to public where you will store them in document’s directory or in library directory.**

**48.** What Files Go Into an Application Bundle?

**49.What NSHomeDirectory() returns?**

**50.** **What's the difference between using CGFloat and float?**

51. What Does Synthesize do?

52. Which function actually executes a SQL statement (query) prepared with the previous function?

53. What are the ways to store data locally on device ?   
54.One application may have multiple windows true or false?

55.What is the difference between frame and bounds?

56.What are the important delegate methods of NSXML parser?

57.Where you have used dynamic properties/

58.Which is better in flexibility point of view tableview or tableviewController?

59. What is Cocoa-pods?

60. What is alpha property of view?

61. What are the design patterns in IOS?

62.If we use factory methods in objective ‘C’ what is benefit?

**63**. **What is the difference between class and instance methods? can you give example of predefined class method and instance method?**

**64.What is default access specifier of instance variable of .h file.**

65. How to set cursor focus on TextField when form load in Objective C?

**66.** **How to round the corners of a button?**

**67.Using how many ways you can pass data to view controller?**

**68.Can you explain me polymorphism?**

**69.What is the difference between sax parser and dom parser?**

**70.For xml parsing which kind of parsing you are using?**

71. Write an instance method which will accept 2 parameters location and value.in array insert that value in that location.

72.write an instance method which accept location as parameter and remove object of that location.

73.Can you give me example in which situation you will use protocol.

74.try the code to reverse the string in objective c.

75.ABCDEFGHLJ how to get CDE form string?

76.Difference strong and weak

77.How to pass data one view to second.?

78.Differences viewdidload and view will appear

79.Applications installed and it is crashed. What are used doing?

80.You can release first and second release you can change databases then the user data is not removed and deleted. How to handle?

81.App crashes in other devices how to understand that way.

82.Cocoa touch how to use?

83.Reminder proper way

84.API get to use ios proper feature

85.Why iOS?

86.What is debugging?

87.What is cocoa touch?

88.What is cocoa pod?

89.What is class & object?

90.About iOS applications which is mentioned in resume.

91.If client install your iOS app and then it will get crash then what will you do?

92.How to store your app to the appstore?

93.Json parser?

94.XML parser?

95.What are objects and classes

96.Difference between Json and XML parsing and which is better?

97.List the names of ur projects.

98.What is inheritance

99.If the gps and net are not in use how will you detect a location?

100.What is structure

101.What is core data and SQLite

102.About engineering final year project.

103.How to deploy iOS applications on app store?

104.What will you do if your application crashed?

105.How to debug an application?

106.How many apps you have developed and out of which you thought was challenging?

107.What is GPS and map?

108.In places around me app, if I want to go from Deccan to kothrud what you'll do?

109.Questions related to auto layout.

110.Substring problem

111.What is JSON, XML?

112.What is Inheritance?

113.What is abstraction with example.

114.what is constructor?

115.what is destructor?

116.can we use constructor and destructor together?

117.what is access specifier?

118.what is difference between private,protected,public?

119.what is interface?

120.tell me about yourself

121.what was your project..tell me in detail.

122.which technology you have used in your project...what it is....some detail questioning about it...for ex like related to coding part ...database connection code ...write it down...etc

123.what is class, object?

**Company name: Mansionly**

124• Web services

125• What is MVC and how to make connections?

126• Debugging

127• Transition in IPad

128• Version control of code

129• Layout constraints

130• What is the use of core data in app?

131• How to use Sqlite for offline data? How to update data at once on server and on app’s database in mobile.

132• Difference between sqlite and core data?

133• Notifications

134• What is soft keyboard? And its use?

135• What are Scenes?

136• Firebase

**Company name: Mindbowser info solutions**

137• Difference between thread and queue? If using database, where we will put that DB query in thread?

138• What is MVC and its use in IOS? And how you will write a code in MVC pattern?

139• Explain working of ‘places around me’ App?

140• What is Delegate? Difference between delegate and datasource? Give example of functions.

141• How to pass data from one view controller to other view controller using delegates?

144• Concept of Polymorphism in IOS

**Company name: ISS 24/7**

**First Round: C concepts and aptitude**

**Second Round: IOS**

142.IOS Frameworks? In resume, Which app is using which Framework?

143.Core Data Architechture? Explain each part of it.

144.IOS Architecture?

145.What is CL in CLlocation?

146.Devices list in IOS?

147.Alert View Syntax

148.Difference between IOS 10 & IOS 11? Which is good features wise?

149.Difference between Sqlite and Coredata?

150.What is Single View Application? What are others that comes under IOS.

151.Steps of Map integration?