Fundamental Questions of iPhone

1. What is Iphone Device?

2. What is Mobile Application?

3. What is Database?

4. What is Query?

5. Which are the DDL commands?

6. Which are the DML commands?

7. What's the importance of user interface (UI) in mobile application development?

8. Explain your experience migrating mobile apps to different platforms?

9. How do you ensure the data on a mobile phone is secure?

10. What is Class and Object?

11. What is binding of Data?

12. Which are conditional Statement?

13. What is Looping Statements?

14. What is break, continue?

15. Which is better Switch or If..else..if?

16. What is Linux?

17. What languages are mobile apps programmed in?

18. What is a Web Server?

19. What is the difference between a Web Browser and a Web Server?

20. What is a domain?

21. What is FTP? How is it used?

22. What is OOPS?

23. What is polymorphism? When we use it?

24. What is abstract and interface?

25. What is Virtual method?

26. What is Object?

27. What is Class?

28. What is Static field?

29. What is Static Method?

30. What is Inheritance?

31. What is Virtual keyword?

32. What is Abstract Class?

33. What is an Interface?

34. When to use Interface over abstract class?

35. What is pure virtual function?

36. What is method overloading?

37. What is overriding?

38. What is meant by Binding?

39. Can we call a base class method without creating instance?

40. Difference between new and override keyword?

41. What is a private constructor? Where will you use it?

42. How's method overriding different from overloading?

43. What is an IP?

44. What is TCP/IP?

45. What is a router?

46. What is an ISP?

47. What is an SMTP server?

48. What is programming language?

49. What is scripting language?

50. What is HTTP?

51. What is SDLC?

52. What is Array?

53. What is web-site and web-server?

54. What is web site hosting?

55. What is RDBMS?

56. What is normalization?

57. What is Trigger?

58. What are cursors?

59. What is the difference between Primary key, unique key and Foreign Key?

60. How to implement one-to-one, one-to-many and many-to-many relationships while designing tables?

61. What is the difference between where and having clause?

62. How would apply date range filter?

63. What type of wildcards have you used?

64. How to return truly random data from a table? Let say top 100 random rows?

65. How to create recursive query in SQL Server?

66. How to delete Duplicate records in a table?

67. How can you call a PL/SQL procedure from SQL?

68. How do you port applications to multiple platforms?

69. What is Normalization?

70. What is C-C++?

71. What is iOS?

72. How would you create your own custom view?

73. What is fast enumeration?

74. Whats the difference between a NSArray and a NSMutableArray?

75. Is a delegate retained?

76. What is the difference between frame and bounds?

77. What is OOPS?

78. What is SDK?

79. What is Iphone SDK?

80. Which application are included in Iphone SDK?

81. What is Library?

82. What is Enumration?

83. What is sensor?

84. What is Struct?

85. What is Array?

86. What do you mean by Property?

87. Explain Pass By Value and Pass By reff?

88. What is Objective-C?

89. What is Memory Management?

90. Why we Need to release the memory?

91. how we can allocate the memory in c or C++?

92. Difference between OOPS & POP?

93. Explain the Structure of C++?

94. What do you mean by Header Files in c or C++?

95. What is protocal?

96. What is Pointer?

97. What is Compiler?

98. What is Interpreter?

99. What is meaning of void?

100. What is Datatype?

101. Concept of .h and .m file?

102. What is dangling Pointer?

103. What EXE_BAD_ACCESS?

First Exam

104. How to Create Cusom View?

105. How we can retain delegate?

106. how to create Custom delegate?

107. How to Implement the Animation with UIView?

108. Difference between viewDidLoad, viewWillAppear, viewDidAppear and viewLoad?

109. Which events are used in tableview function?

110. What are the delegate methods of MKMapView ?

111. What is data source?

112. What are the delegate methods of NSURLConection?

113. What is Iphone SDK?

114. What is protocal?

115. What do you mean by Header Files in c or C++?

116. Concept of .h and .m file?

117. What do you mean by Property?

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120. What is Pointer?

121. Difference between OOPS & POP?

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123. What is dangling Pointer?

124. What EXE_BAD_ACCESS?

Second & Third Exam

125. What is SQLITE3?

126. What is Joins?

127. Which Joins are not supported SQLITE3?

128. What is accelerometer in Iphone?

129. What are the delegated used in XML Parsing?

130. Which framework is used for connecting with SQLITE3?

131. What is JOSON?

132. What is Application Integration?

133. What is the life cycle of view controller?

134. What is use of ApplicationDidEnteredInBackground method?

135. What is location Services?

136. Which Framework is used for AUDIO and VIDEO?

137. Which Framework is used for Loading Map?

138. Concept of .h and .m file?

139. If I call performSelector:withObject:afterDelay: – is the object retained?

140. Can you explain what happens when you call autorelease on an object?

141. Whats the NSCoder class used for?

142. Whats an NSOperationQueue and how/would you use it?

143. Explain the correct way to manage Outlets memory

144. Explain the difference between NSOperationQueue concurrent and non-concurrent.

145. Where can you test Apple iPhone apps if you don't have the device?

146. Does iOS support multitasking?

147. Which JSON framework is supported by iOS?

148. What are the tools required to develop iOS applications?

149. Name the framework that is used to construct application's user interface for iOS.

150. Name the application thread from where UIKit classes should be used?

151. Which API is used to write test scripts that help in exercising the application's user interface elements?

152. Why an app on iOS device behaves differently when running in foreground than in background?

153. How can an operating system improve battery life while running an app?

154. Which framework delivers event to custom object when app is in foreground?

155. When an app is said to be in not running state?

156. Assume that your app is running in the foreground but is currently not receiving events. In which sate it would be in?

157. Give example scenarios when an application goes into InActive state?

158. When an app is said to be in active state?

159. Name the app sate which it reaches briefly on its way to being suspended.

160. Assume that an app is not in foreground but is still executing code. In which state will it be in?

161. An app is loaded into memory but is not executing any code. In which state will it be in?

162. Assume that system is running low on memory. What can system do for suspended apps?

163. How can you respond to state transitions on your app?

164. Who calls the main function of you app during the app launch cycle?

165. What is the use of controller object UIApplication?

166. Which object is create by UIApplicationMain function at app launch time?

167. How is the app delegate is declared by Xcode project templates?

168. What happens if IApplication object does not handle an event?

169. Which app specific objects store the app's content?

170. Are document objects required for an application? What does they offer?

171. Which object manage the presentation of app's content on the screen?

172. Which is the super class of all view controller objects?

173. What is the purpose of UIWindow object?

174. How do you change the content of your app in order to change the views displayed in the corresponding window?

175. Define view object.

176. What are layer objects and what do they represent?

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