

1. What are the characteristics of Switch in Swift?

- A. It supports any kind of data, and not only synchronize but also checks for equality
- B. When a case is matched in switch, the program exists from the switch case and does not continue checking next cases.

So you don't need to explicitly break out the switch at the end of case

- C. Switch statement must be exhaustive, which means that you have to cover all possible values for your variable
- D. All of the above

Answer: Option D

2. How do you declare an IBOutlet property?

- A. IBOutlet var button:UIButton
- B. var button:UIButton(IBOutlet)
- C. var button:UIButtonoutlet
- D. None of the mentioned

Answer: Option D

3. What are the features of Swift Programming?

- A. It eliminates entire classes of unsafe code
- B. Variables are always initialized before use
- C. Arrays and integers are checked for overflow
- D. All of these

Answer: Option D

4. What are the control transfer statements used in Swift?

- A. Continue
- B. Break
- C. Fallthrough
- D. All of these

Answer: Option D

5. What are the advantages of Swift?

- A. Swift is safe
- B. Swift is fast
- C. Swift is open source
- D. All of the above

Answer: Option D

6. What's are the new features in Swift 4.0?

- A. Faster, easier to use Strings that retain Unicode correctness
- B. Smart key paths for type-safe, efficient, extensible key value coding for Swift types
- C. Added some enhancements to creating dictionary and Set types
- D. All of the above

Answer: Option D

7. What type of integer is denoted by "Int8"?

- A. Open
- B. Signed
- C. Unsigned
- D. Close

Answer: Option B

8. Given : `var stringValue:String = "Justin Gif"`. What is the result of `stringValue = nil`?

- A. `stringValue == nil`
- B. `stringValue == "Justin Gif"`
- C. the compiler won't allow it
- D. None

Answer: Option C

9. What are the collection types in Swift?

- A. Dictionary and array
- B. Array and library
- C. Dictionary and library
- D. Library, dictionary and array

Answer: Option A

10. Swift is which type of language?

- A. scripting language
- B. object-oriented programming language
- C. type safe language
- D. All of the above

Answer: Option D

11. IOS Stands For ?

- A. Internetwork Operating System
- B. iPhone Operating System
- C. Internet Operating System
- D. None Of Them

Answer: Option A

12. The IDE Used In Swift Is

- A. Swiftc
- B. Gas
- C. Xcode
- D. Ld

Answer: Option C

13. To Create Mutable Object ___ Is Used

- A. Let
- B. Var

- C. Both A&B
- D. None

Answer: Option B

14. Which Of The Following IOS Frameworks Is A Commonly Used Third Party Library?

- A. AVFoundation.framework
- B. Audiotoolbox.framework
- C. AFNetwork.framework
- D. Audiotoolbox.framework

Answer: Option C

15. To Create Contants In Swift We Use Keyword ...

- A. Conts
- B. Let
- C. Contants
- D. None Of Above

Answer: Option B

16. Double Has A Precision Of At Least _ Decimal Digits In Swift.

- A. 15
- B. 20
- C. 17
- D. None Of These

Answer: Option A

17. First IOS Was Written In

- A. 1984
- B. 1985
- C. 1986
- D. 1987

Answer: Option C

18. We Can Return Multiple Values In Swift From Function By Using?

- A. Array
- B. Tuple
- C. Both A&B
- D. None

Answer: Option B

19. Which Of The Following Is Incorrect Data Type In SWIFT ?

- A. UInt
- B. Double
- C. Char
- D. Optional

Answer: Option C

20. If You Do Not Want To Mention External Name In Function Call,
Then What Should Be Preceded Before The Parameters While Defining The Function?

- A. ?
- B. !
- C. _
- D. \

Answer: Option C

21. The Most Recent Version Of MacOS Is Based On ... ?

- A. WINDOWS
- B. LINUX
- C. UNIX
- D. CMOS

Answer: Option C

22. To Initialize Variable With Null Require...

- A. ?
- B. !
- C. _
- D. NULL

Answer: Option A

23. Meaning Of IOS Is?

- A. SystemIntegrated Open System
- B. Integrated Operating
- C. Internetworking Operating System
- D. None Of Above

Answer: Option D

24. What Is A LLVM ?

- A. Swiftc Compiler
- B. Contains Both Compiler (swiftc And Objective C)
- C. Objective C Compiler
- D. None Of The Above

Answer: Option B

25. Which Of The Following Is Incorrect Value Type Of The Swift?

- A. Double
- B. Character
- C. Enum
- D. Class

Answer: Option D

26. For Unwrapping Value Inside Optional What Should We Use?

- A. ?
- B. @
- C. !
- D. None Of These

Answer: Option C

27. Multitasking In IOS Was Introduced In Which Version?

- A. IOS 2.0
- B. IOS 4.0
- C. IOS 6.0
- D. IOS 7.0

Answer: Option B

28. IOS Is A __software.

- A. Proprietary
- B. Free And Open Source
- C. None Of These

Answer: Option A

29. Which Of The Following Framework Is Not Used In IOS ?

- A. UIKit Framework
- B. AppKit Framework
- C. Foundation Framework
- D. CoreMotion Framework

Answer: Option B

30. Which Of The Following Declares A Mutable Array In Swift?

- A. Let X =[Int] ()
- B. Var X=[Int]
- C. Var X=[Int] ()
- D. Let X=[Int]

Answer: Option C

31. Application Running In Foreground But Currently Not Receiving Any Events .

what Is The Current State Of Application?

- A. Background State
- B. Inactive State
- C. Suspended State
- D. Active State

Answer: Option B

32. What Is Bundle In IOS

- A. It Is A Class
- B. It Is Used To Send Data
- C. It Is Folder With .app Extension

D. None Of Above

Answer: C

33. It is possible to wrap variable value inside optional after unwrapping value

[A]True

[B]False

Answer:B

34. Which of the following is TRUE

A. `let value = 5`
`value = 10`

B. `let value: Int = 0.1`

C. `var value : Int?`
`value = 100`

D. All the above

Answer: C

35. Tuples as well as structs both allow us to combine different types into one type.

(A) true

(B) false

Answer : A

36. What is the element that is used to specify the type of variable or expression?

[A]Explicit Title

[B]Named Factor

[C]Type Annotation

[D]Class Annotation

Answer: C

37. iPhone OS is based on which language?

(A) C++

(B) C

(C) java

(D) both (i) and (ii)

Answer: D

38. Which of the following is immutable?

[a] `var num =5`

[b] `num =5`

[c] `let num =5`

[d]all the above

Answer : C

39. Which of the following is true.

- 1. we can wrap unwrapped values
- 2. we can unwrap wrapped values
- 3. we cannot wrap unwrapped values
- 4. we cannot unwrap wrapped values

A) 1,2&3

B) 2&3

C) 1&4

D) 2&4

Answer : B

40. Flash Applications is supported in iPhone browsers. Is it true?

[A] Yes

[B] No

[C] It supports flash applications from apple only.

[D] Supports partially

Answer : A

41. What is the return type of following function?

```
Func myfunc( ) -->String{  
    return "Rudolf"  
}
```

Answer: String

42. To get value inside optional use?

A. ?

B. !

C. +

D. #

Answer: B

43. Objective-C itself has evolved to support ____ enabling framework adoption of modern language technologies without disruption.

A) blocks

B) collection literals

C) modules

D) all of the above

Answer: D

44. The class files that you create for your application will have file extension ?

A - .swift

B - .m
C - .c
D- .swf

Answer: A

45. Which compiler is use for swift ?

- a) swiftc
- b) gcc
- c) clang
- d)all

Answer : A

46. In swift Variables are always initialized before use.

- A. True
- B. False

Answer: A

47. Which keyword in swift used to initialize the variable?

- A) null
- B) nil
- C) NIL
- D) NULL

Answer: B

48. What is the user interface of Iphone OS called?

- A) Touchwiz
- B) Mobiface
- C) Cocoa
- D) Universal Mobile Interface

Answer : A

49. iOS remote push notification is introduced by apple in which version?

- [A] iOS 2.0
- [B] iOS 3.0;
- [C] iOS 4.0;
- [D] iOS 6.0;

Answer : B

50. The ----- provides the resources you need to develop native iOS apps

- A. iOS delegate
- B. ios controller
- C. iOS SDK
- D. iOS playground

Answer: C

51. Which of the following statements is correct about Tuple?

- A. Using tuple function can return multiple values
- B. Tuple is a collection of different data types
- C. We can write function inside it
- D. Both A and B
- E. All of the above

Answer: D

52. `var name : String?= "Prince Oduro"`

`name=name+10`

- A. It's compile time error
- B. It's runtime error
- C. It's not an error
- D. Syntax is wrong as semicolons are missing in both the line.

Answer: A

53. What is the full form of "efi"

- [A] enhanced firmware interface
- [B] enhance firewall interrupt
- [C] enhance firmware internet
- [D] enhance fireworks interrupt

Answer: A

54. Which iPhone version supports flash?

- A. 3.2
- B. 4.2
- C. both A and B
- D. None

Answer: D

55. Swift was developed by

- A. Chris Latta
- B. Brad Cox
- C. Both A & B
- D. None of the above

Answer: A

56. What symbol is used like a tuple to access arguments in Abbreviated Swift Closure syntax?

- A) \$
- B) *
- C) &
- D) @
- E) ~

Answer: A

57. General syntax for closure is_____.

[A] { (parameters) -> return type in
Statements
}

[B] {(return type) -> parameters in
Statements
}

[C] {(statements) -> parameters in
Return type
}

[D] none of these

Answer :A

58. By default Set is treated as__

A. Array

B. Collection

C. Structure

D. None of these

Answer: A

59. Which is not a function of IOS

[A]Carrying network protocols and functions

[B]Connecting high speed traffic between devices

[C]Providing scalability for ease of network growth and
redundancy

[D]Creating session between hosts in LAN

Answer: D

60. Which of the following is incorrect about Array collection?

[A] sequence matters

[B] allows duplicate values

[C] can be created implicitly

[D] none of the above

Answer.: C

61. Closure optimizations are :

[A]Inferring parameter and return value types from context.

[B]Implicit returns from single-expression closures

[C]Shorthand argument names

[D]Trailing closure syntax

[E] All of the above

Answer: E

62. There are __ types of collections in Swift.

- [a] 1
- [b] 2
- [c] 3
- [d] 4

Answer. C

63. Which statement is correct in case of set?

- A) we can not create set implicitly
- B) we can not create set explicitly
- C) we can create set explicitly as well as implicitly
- D) none of the above

Answer: A

64. Which type of collection uses key-value pair in iOS?

- [a] Array
- [b] Set
- [c] Dictionary
- [d] All

Answer: C

65. Which is not a type of collections in Swift.

- [a] Set
- [b] Array
- [c] Class
- [d] Dictionary

Answer. C

66. Which statement is correct .Difference between Set and Array is :-

- (A) In Array, sequence matters but not in Set.
- (B) In Array, it allows duplicate values but not in Set.
- (C) In Array, it can be created implicitly or explicitly but in Set, it can be created only explicitly.
- (D) All of above

Answer : D

67. What will be the output of following program?

```
var array1 = [1,2,3,4,5]
var array2 = array1
array2.append(6)
var len1 = array1.count
var len2 = array2.count
```

```
print("len1 = \(len1)")
print("len2 = \(len2)")
```

- A. 5, 6
- B. 5, 5
- C. 6, 6
- D. 6, 5

Answer : A

68. Class by default initializes the variable using public initializer method.

- A. true
- B. false

Answer: B

69. All swift classes must inherit from which root class?

- A) not Required
- B)NSObject
- C) NSObject
- D) @Object

Answer: B

70. What is the name of the deinitializer in a Class declaration?

- [A] dealloc
- [B] release
- [C] dint
- [D] deinit

Answer : D

71. In swift language by default the members of class are ..?

- A.private
- B.protected
- C.public
- D.None

Answer: C

72. General syntax for closure is_____.

- [A] { (parameters) -> return type in
Statements
}
- [B] {(return type) -> parameters in
Statements
}
- [C] {(statements) -> parameters in
Return type
}
- [D] none of these

Answer: A

73. Q which xcode tool runs swift code ?

- [A] console
- [B] terminal
- [C] debugger
- [D] playgrounds

Answer: D

74. Que: which of the following loop is not a part of swift programming language?

- A) for- in loop
- B) while loop
- C) do-while loop
- D) repeat-while loop

Answer: C

75. Question: Can we overload destructor in swift?

- A) True
- B) False

Answer: B

76. Which keyword do you use to declare enumeration?

- A. var
- B. let
- C. enum
- D. e(num)

Answer: C

77. Which one creates a dictionary with a key type of Integer and value of String?

- A. var dict:[Int: String]= ["one":1]
- B. var dict:[1: "name"]= [2:"name"2]
- C. var dict:[Int: String]= [1:"one"]
- D. var dict:[String : Int] [1:"one"]

Answer: C

78. Which of the following statement(s) is/are correct?

1. Every instance of a type has an implicit property called self.
2. It is exactly equivalent to the instance itself.
3. self property is used to refer to the current instance within its own instance methods.

- [A] 2
- [B] 1, 2 and 3
- [C] 2
- [D] 2 and 3 Only
- [E] 1 and 2 Only

Answer: B

79. Which of the following statement(s) is/are incorrect?

1. Properties associate values with a particular class, structure, or enumeration.
2. Methods are functions that are associated with a particular type.

[A] 1

[B] 2

[C] Both 1 and 2

[D] None of the above

Answer: D

80. In which version apple introduce multitasking support/feature?

A) IOS 4.0

B)iphone Os 3.0

C)iphone Os 2.0

D)iphone Os

Answer: A

81. In which year Apple introduced multitasking supported iphones ?

[a] 2007

[b] 2008

[c] 2009

[d] 2010

Answer: D

82. Which version of iOS work only on iPad?

A) iOS 4.0

B) iOS 3.2

C) iOS 5.0

D) iOS 6.0

Answer: B

83. Type casting in Swift is implemented with the__ operator.

[A]is

[B]as

[C]Both [A]& [B]

[D] None of the above

Answer: C

84. To make connection with interface builder which keyword is used?

A) IBinder

B)IBAction
C)IBOutlet
D)none of these
Answer: C

85. To switch from one view controller to another , the concept of segue is used.
A) true
B) false
Answer: A

86. To switch from one viewController to another , the method use is presentViewController() is used.
A) true
B) false
Answer: A

87. ARC stands for _ _ _ _ .
[A] Automatic Reference Counting
[B] Automatic Referenced Counting
[C] Automatic Referenced Counter
[D] Auto Referred Counting
Answer: A

88. which key is use to emulate gesture in ios?
A) command key
B) option key
Answer: B

89. We can return multiple values in swift from function by using?
A.Array
B.tuple
C.A&B
D.None
Answer: B

90. We can return multiple values from function by using tuple .
used to connect button with function.
A: @IBOutlet.
B:@IBAction.
C:@IBinder.
D:none of the above.
Ans:B

91. The Iphone has a feature that activates when you rotate the device from portrait to landscape.

- A. Rotator
- B. Accelerometer
- C. Shadow detector
- D. Special Sensor

Answer: B

92. Which property is used in iOS to set hint?

- A) UILabel
- B) UITextView
- C) Placeholder
- D) UITextField

Answer : C

93. ____ is used to mask the password?

- A) secure text entry
- B) placeholder
- C) define content
- D) none of the above

Answer: A

94. What is "Ib" in IBOutlet?

- A. Interface Builder
- B. Intent builder
- C. Internet Builder
- D. None of the above

Answer: A

95. In view controller which is by default model transition style?

- A) partial curl
- B) flip cover
- C) cross cover
- D) cover vertical

Answer: D

96. Which of the following statement is true for iOS Storyboards?

- [A] Introduced in iOS5
- [B] Save lot of time required for building user interface of apps
- [C] It can describe segue between various scenes
- [D] All of the above

Answer: D

97. Which of the following statement is true for iOS Storyboards?

- [A] Introduced in iOS5

[B] Save lot of time required for building user interface of apps

[C] It can describe segue between various scenes

[D] All of the above

Answer: D

98. the protocol that defines a text fields delegate is called _____.

[A] UITextFieldDelegate

[B] UITextField

[C] UIF

[D] none of these

Answer: A

99. ios apps are based on _____.

[A] event-driven programming

[B] Activity-driven programming

[C] storyboard-driven programming

[D] none of these

Answer: A

100. What does the "s" stand for in iPhone 4s, 5s, 6s ?

[A] standard

[B] speed

[C] storage

[D] screen

Answer: B

101. To expose function into Interface Builder we use ?

A. IBAction

B. IBOutlet

C. segue

D. none of these

Answer: A

102. How to add UI elements.

[A] using interface builder

[B] using code

[C] Both [A] and [B]

[D] none

Answer: C

103. Every UIView Class in ios Subclass of

[A] UIViewController

[B] UIViewAction

[C] UIAction

[D] None of Above

Answer: A

104. What are the animations in UI MODEL TRANSITION STYLE ?

[A] cross dissolve

[B] cover vertical

[C] flip horizontal

[D] All of the above

Answer: D

105. Which of the following is a default UI property?

a)assign

b)non-atomic

c)atomic

d)None of them

Answer : C

106. InstantaiteViewControllerWithIdentifier() this method return object of...

A) viewController

B) UINavigationController

C)UINavigationController which is optional

D)none

Answer: C

107. InstantaiteViewControllerWithIdentifier() this method return object of...

A) viewController

B) UINavigationController

C)UINavigationController which is optional

D)none

Answer: C

108. Which type of class object is returned by method "storyBoard.instantiateViewControllerWithIdentifier()" ?

[A] UINavigationController

[B] Object of Subclass of UINavigationController

[C] return nothing

[D] none of the above

Answer: A

109. Info.plist is application configuration file inside ios??

A]True

B]False

Answer: A

110. Application is in background. Not executing any code. What is the current application state?

- A. Inactive state
- B. Active state
- C. Background state
- D. Suspended state

Answer: D

111. Which choice is the output value of the following code

```
Var a = 0
let b = ++a
let c = a++
"Print "(\(a)\(b)\(c))
```

- [A] 2 0 2
- [B] 2 1 2
- [C] 2 0 1
- [D] 2 1 1

Answer: D

112. ARC in swift is functionally similar to destructor

- A.True
- B.False

Answer: True

113. Uninitialized array can be declared implicitly true or false

- A) true
- B) false

Answer: B

114. Storyboard is used as UI designing file inside Ios?

- A- True
- B -False

Answer: A

115. IBActikn and IBOutlet are macros defined to denote variables and method that can be referred in interface Builder.

- A)True
- B) False

Answer: A

116. Which of the among class is super class of view controller objects?

- A. UIViewController
- B. AlertVierController
- C. UICollectionView

D. None of the above

Answer: A

117. In Swift there are two kinds of types: named and ____.

- [A] Strong
- [B] Compound
- [C] Arrays
- [D] Filtered

Answer: B

118. IBOutlet is used to create functions of UIfield?

- A) True
- B) False

Answer: B

119. Which of the following is not a part of life cycle of iOS

- [A] -ViewDidAppear
- [B] -viewWillAppear
- [C] -ViewDidDisappear
- [D] -viewWillRestart

Answer: D

120. Which of the following function returns the table cell at the specified index path?

- [A] func cellForRow(at: IndexPath)
- [B] func indexPath(for: UITableViewCell)
- [C] func indexPathForRow(at: CGPoint)
- [D] var visibleCells: [UITableViewCell]

Answer: A

121. Which of the following function returns an index path representing the row and section of a given table-view cell.

- [A] func cellForRow(at: IndexPath)
- [B] func indexPath(for: UITableViewCell)
- [C] func indexPathForRow(at: CGPoint)
- [D] var visibleCells: [UITableViewCell]

Answer: B

122. onDestroy() method in Android activity life cycle is similar to ____ method in iOS viewController life cycle.

- A) init()
- B) viewDidLoad()
- C) deinit()
- D) none

Answer: C

123. Which of the following method is called only once in iOS viewController life cycle?

- A) viewWillAppear()
- B) viewDidLoad()
- C) viewWillDisappear()
- D) viewDidAppear()

Answer: B

124. ____ helps us to navigate among many ViewController.

- A) InputViewController
- B) BaseViewController
- C) Navigation Controller
- D) ViewController

Answer: C

125. ios method for onStart() is???

- [A] ViewWillAppear()
- [B]ViewDidAppear()
- [C]ViewDidDisapper()
- [D] none of these

Answer: A

126. Which of the following is a property of TableView?

- [A]rowHeight
- [B]sectionFooterHeight
- [C]sectionHeaderHeight
- [D]separatorColor
- [E] All of the above

Answer [E]

127. What is true about UITableView Section?

- [A] atleast 2 sections be present in UITableView
- [B] not necessary to write any Section
- [C] at least one 1 section must present in UITabel
- [D] none of the above

Answer : C

128. The application has not been launched or was running but terminated by the device.Determine the current state of App.

- a)Suspended state
- b)Background state
- c)Inactive state
- d)Not running state

Answer: D

129. Which is the content of UITableViewCell ?

- [A] image view

- [B]text label
- [C]accessory type
- [D] all of above

Answer: D

130. Which is the wrong definition of a protocol in Swift?

- A. protocol SomeProtocol { var first: Int{ get } }
- B. protocol SomeProtocol { var first: Int{ set } }
- C. protocol SomeProtocol { var first: Int { get set } }
- D. protocol SomeProtocol { var first: Int { get set } var second: Int { get } }

Answer: A

131. Which of these could be an appropriate protocol declaration in Swift?

- A] @objc protocol someProtocal { optional var first: Int { get } }
- B] @objc protocol someProtocal { optional var first: Int { set } }
- C] protocol someProtocal { optional var first: Int { get } }
- D] protocol someProtocal { var first: Int { set } }

Answer: A

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

- A. UIKit framework
- B. UIApplication
- C. UIViewController
- D. None of these

Answer: A

133. What is protocol in swift?

- A.Interface in Java
- B.Class in Java
- C.collection in Java
- D.all

Answer: A

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

- A. PushKit Framework
- B. Twitter Framework
- C. UIKit Framework
- D. GameKit Framework

Answer: C

135. Where you can use protocol as a type?

[A]As a parameter type or return type in a function, method or initializer.

[B]As the type of a constant, variable or property.

[C]As the type of items in an array, dictionary or other container.

[D]All of the above

Answer: D

136. All views in iOS are derived from

[A]-View

[B]-UIView

[C]-UILabel

[D]-None of Above

Answer: B

137. What is the extension of compiled version of main.storyboard file?

A. .xib

B. .nib

C. .IProj

D. .swift

Answer: C

138. What is the full form of XIB?

[A] XML interface builder

[B] extensible interface builder

[C] extra internet board

[D]XML interference builder

Answer: A

139. To switch from one viewController to another, the method use is presentViewController() is used

A) True

B) False

Answer: A.

140. Which of the following class implements the behavior of scrollable, multiline text region.

[A] UITextView

[B] UILabel

[C] UITextField

[D] UILabel

Answer: A