Miderm 1 Studyguide

1. What size class captures the specification that its constraints should apply to smaller iPhones in landscape layout?
   1. Compact height, compact width
2. An outlet variable can be:
   1. An optional or an implicitly unwrapped optional
3. Suppose that MyStruct is the name of a structure you have defined in Swift

Graphical user interface, application

Description automatically generated

Which of the following is a legitimate initialization of a property of type MyStruct?

a. var s = MyStruct(x:5, y:10.0, z:12.1)

4. If you plan to use a button(that causes something to happen when you press it) in your application, and the label of the button will change while the app is running, you should use:

a. both an outlet and action method

5. If, in an action method you want to change the value of an attribute of another control in the same view controller as the control whose action method you are writing, you would use:

a. An outlet to the other control

6. In an order-taking application, which of the following data structures would be BEST for storing the list of orders? All the information related to the list of orders must fit into the one data structure.

a. An array of dictionaries

7. All iPads are the same size class whether in portrait or landscape mode.

a. True

8. To adjust which version of iOS a project targets, you make a change to the:

a. Project page selected from the project navigator

9. True or false, an implicitly unwrapped optional variable must have an exclamation mark affixed after it every time it is used.

a. False

10. Where in Xcode would you go to change the class that a view controller in the story board implements?

a. Identity inspector

11. The text in a text field can be accessed via::

a. a variable that is part of the text field object

12. Any soft keyboard has a key on it that will cause the soft keyboard to vanish if you press it, without you writing any code.

a. False

13. To connect an outlet or action method, one uses the interface builder tool and which other tool?

a. The assistant editor

14. If you know that an optional Int property in a Swift class you are writing is never accessed when it might be nil, and you declare the property as an implicitly unwrapped optional, how much shorter  (in characters) will the resulting code file be if the property is defined once and used 4 times.

a. 4 charactors

15. Which of the following constraints would **not** cause a set of UI elements' leading edges to be aligned?

a. Vertically center in container

16. A closure can be assigned to a variable.

a. True

17. Constraints can be made to apply to just one particular size class by:

a. editing them in the interface builder or size inspector and clicking “Vary for traits.”

18. A iPad application, by default, supports all 4 orientations of the device.

a. True

19. You would cause your app to be responsive to a swipe by:

a. both implementing an action method and a gesture controller.

20. The sender argument of an action method identifies:

a. The control in which an event triggered the action method.