**Flutter MCQ**

**1. Which of the following is true regarding Flutter?**

A. Flutter is a UI toolkit for creating fast, beautiful, natively compiled mobile applications   
B. Flutter use one programming language and a single codebase  
C. Flutter is free and open-source.  
D. All of the above

**2. Flutter developed by?**

A. Oracle  
B. Facebook  
C. Google  
D. IBM

**3. Flutter is not a language; it is an SDK.**

A. TRUE  
B. FALSE  
C. Can be true or false  
D. Can not say

**4. The first alpha version of Flutter was released in ?**

A. 2016  
B. 2017  
C. 2018  
D. 2019

**5. Flutter is mainly optimized for 2D mobile apps that can run on?**

A. Android  
B. iOS  
C. Both A and B  
D. None of the above

**6. It is very necessary to learn Dart language for building Flutter application?**

A. Yes  
B. No  
C. Can be yes or no  
D. Can not say

**7. . A widget that allows us to refresh the screen is called a \_\_\_\_\_\_\_\_\_\_\_\_.**

A. Stateless widgets  
B. Stateful widget  
C. Statebuild widget  
D. All of the above

**8. The examples of the Stateless widget are?**

A. Text  
B. Row  
C. Column  
D. All of the above

**9. pubspec.yaml file does not contain?**

A. Project general settings  
B. Project dependencies  
C. Project language  
D. Project assets

**10. Which of the following are the advantages of Flutter?**

A. Cross-platform Development  
B. Faster Development  
C. Minimal code  
D. All of the above

**11. When you build the Flutter app the first time, does it will take a longer time?**

A. Yes  
B. No  
C. Can be yes or no  
D. Can not say

**12. Which of the following used to develop the native hybrid app from a single codebase?**

A. React Native  
B. Flutter  
C. Both A and B  
D. Keras

**13. Which of the following works with a small r key on the terminal or commands prompt?**

A. Hot Restart  
B. Hot Reload  
C. Cold Reload  
D. Cold Restart

**14. Which of the following takes more time to compile and update the app?**

A. Hot Reload  
B. Hot Restart  
C. Cold Reload  
D. Depends on Compiler

**15. Which function is responsible for starting the program?**

A. runApp()  
B. run()  
C. flutter()  
D. main()

**16. Streams can be of \_\_\_\_\_\_\_\_\_\_ types.**

A. 0  
B. 1  
C. 2  
D. 3

**17. The Flutter tooling supports \_\_\_\_\_ modes while compiling the application**

A. 2  
B. 3  
C. 4  
D. 5

**18. Release mode allows us to optimize the codes and generate them without any debug data in a fully optimized form**

A. TRUE  
B. FALSE  
C. Can be true or false  
D. Can not say

**19. Which of the following tests a single widget?**

A. Integration Tests  
B. Unit Tests  
C. Interactive Tests  
D. Widget Tests

**20. WidgetsApp is used for basic navigation**

A. Yes  
B. No  
C. Can be yes or no  
D. Can not say

**21. Which of the following best explains the flutter?**

1. It is an open-source database management system
2. This is an open-source UI toolkit
3. This is an open-source backend toolkit
4. None of the above

**22. SDK represents\_\_\_\_**

1. Software Development Knowledge
2. Software Data Kit
3. Software Development Kit
4. Software Database Kit

**23. Which of the following are the best editors of flutter development?**

1. Android Studio
2. Xcode
3. IntelliJ Idea
4. All of the above

**24. Which of the following is a sequence of asynchronous events?**

1. Stream
2. Flow
3. Current
4. None of the above

**25. What operator evaluates and returns the value between two expressions?**

1. ? operator
2. ?? operator
3. && operator
4. None of the above

**26. In Flutter, which of the following is used as identifiers for widgets, elements, and semantic nodes?**

1. Buttons
2. Widgets
3. Keys
4. Streams

**27. Which of the following commands is used to compile release mode?**

1. flutter run –release
2. flutter –release
3. flutter run ??release
4. flutter run %%release

**28. What are the subclasses of Key?**

1. GlobalKey
2. LocalKey
3. GlobalKey and LocalKey
4. None of the above

**29. What is the refresh rate of our animation in Flutter?**

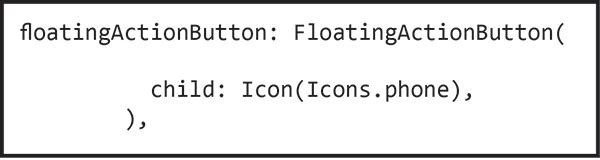
a. Show  
 b. Ticker  
 c. Refresh  
 d. None of the above

**30. A \_\_\_\_ widget in Flutter is a box with a specific size.**

1. Container
2. Stream
3. Show
4. SizedBox

**31. Access and manipulate the cloud database is possible with which of the following options?**

1. Firebase Database
2. SQFlite Database
3. Both A and B
4. None of the above
5. **Which programming language is used to build Flutter applications?**
6. Dart
7. Java
8. Kotlin
9. Go
10. **How many types of widgets are there in Flutter?**
11. 2
12. 5
13. 8
14. 4
15. **When building for iOS, Flutter is restricted to an compilation Strategy?**
16. JIT (Just-in-time)
17. Transcompilation
18. Recompilation
19. AOT (ahead-of-time)
20. **Access to a cloud database through Flutter is available through which service?**
    * 1. NOSQL
      2. SQLite
      3. Firebase Database
      4. MYSQL
21. **What element is used as an identifier for components when programming in Flutter?**
22. Keys
23. Widgets
24. Serial
25. Elements
26. **What type of test can examine your code as a complete system?**
27. Widget Test
28. Integration Test
29. Interactive Test
30. Unit Test
31. TextField widget allows app users to type text into an app.
32. True
33. False
34. The following code is used to add a floating action button to a Flutter app interface.



Which of the following function or method can be used to add an action to this button if the app user taps this button?

1. GoTo
2. onPressed
3. JumupNow
4. flyTo
5. **Which component allows us to specify the distance between widgets on the screen?**
6. SizedBox
7. Table
8. AppBar
9. SafeArea
10. **What language is Flutter's rendering engine primarily written in?**
11. C++
12. Java
13. Dart
14. Kotlin
15. **What widget would you use for repeating content in Flutter?**
    * 1. ExpandedView
      2. ArrayView
      3. Stack
      4. ListView
16. Adding a Slider widget in a Flutter app interface should be used to select multiple values at the same time.
17. True
18. False
19. If you created a Flutter app using the Firebase services where the app users had to login to this App using Firebase user accounts (email and password), which of the following Firebase products store these app users' accounts?
20. Database
21. Authentication
22. Storage
23. Hosting
24. This Flutter widget is used to toggle the on/off state of a single setting. Which of the following choices represents this definition?
25. onOff Widget
26. SlideA Widget
27. noYes Widget
28. Switch Widget
29. The Container is a Flutter widget that allows you to customize, compose, decorate and position its child widget.
30. True
31. False
32. A plug-in is used to enter the date in your Flutter app interface instead of asking an app user to add it manually.

Which is of the choices below represents this definition?

1. DateInsert( ) widget
2. Date Picker plug-in
3. Date Dialog plug-in
4. Date Mark plug-in
5. Select the correct choice below to complete the following sentence:

SnackBar widget is used if you want to let your app pop up a message at the bottom of your app interface.

1. For a few seconds
2. Forever
3. Until the app user taps the close button of this message
4. Until the app user taps the OK button
5. How many child widgets can be added to the Container widget?
6. Unlimited children widgets
7. Only one child widget
8. Two children widgets
9. Three children widgets
10. Does flutter support desktop application development?
11. **Yes**
12. No
13. Flutter have mainly types of widgets.
14. Two
15. Three
16. Four
17. Five
18. What are the features of Flutter?
19. Fast development
20. Huge widget catalog
21. High performance application
22. All of the above
23. Everything is a widget in Flutter. True or False?
24. True
25. False
26. Unlike other programming languages Dart doesn’t support ...............
27. classes
28. interfaces
29. arrays
30. object-oriented
31. Which of the following option is used to represent a collection of objects in Dart?
32. String
33. Numbers
34. Booleans
35. Lists and Maps
36. Which of the following is used to load image from flutter project’s assets?
37. Image
38. Image.file
39. Image.asset
40. Image.memory
41. The most important properties of the Image widget are ...........
42. width, double
43. height, double
44. image, ImageProvider
45. all of the above
46. What does SDK stands for?
47. Software Data Kit
48. Software Database Kit
49. Software Development Kit
50. None of the above
51. Choose the best editors for Flutter app development?
52. VS Code
53. Sublime Text
54. Android Studio
55. All of the above
56. What are the type of tests, that we can perform in flutter?
57. Unit test
58. Widget test
59. Integration test
60. All of the above
61. Which of the following animation allows us to represent real-world behavior in Flutter?
62. Math-based
63. Graph-based
64. Physics-based
65. None of these
66. Flutter apps do not support the browser. It only supports Android and iOS platforms.
67. True
68. False
69. Which of the following is the project's configuration file that will use a lot during working with the Flutter projects?
70. flutter\_demoapp.iml
71. pubspec.lock
72. pubspec.yaml
73. None of the above
74. The pubspec.yaml file contains ................
75. Project assets
76. Project dependencies
77. Project general settings
78. All of the above
79. contains all required packages for the basic building blocks of writing a

Flutter application.

1. Widgets
2. Flutter Engine
3. Foundation Library
4. None of the above
5. Which of the following widget allows us to arrange its children in a table based widget?
6. Table
7. Flow
8. Stack
9. GridView