QUESTION BANK

Multiple Choice Questions

1. _____shows the Alert message and gives the answer in the form of yes or no.
    a) Spinner   b) ListView   c) Timer   d) AlterDialog

2. RadioButton is generally used with_____?
    a) RadioButtons   b) SelectionGroup   c) RadioGroup   d) ObjectGroup

c) Which of the following is necessary element to setup launcher Activity?
    a) Action   b) Category   c) intent-filter   d) Application

4. Which of the following is not a datatype in Dart?
    a) Character   b) Boolean   c) Map   d) List

5. Online Dart editor is also known as_____
    a) Dart compiler   b) Dart pad   c) Dart JVM   d) Dart AOT

6. What is contained in manifest.xml?
    a) Source code
    b) List of strings used in the app
    c) Permission that the application requires
    d. List of images used in the app

7. What is the output of the following code block:
    ```
    void main()
    {       var name = "Flutter";
            print("${name} is easy");

    }
    ```
    a) name is easy
    b) $name is easy
    c) is easy
    d) Flutter is easy

8. The_____ view provides visual feedback about some ongoing tasks, such as performing a task in a background.
    a) Image Button   b) Toggle Button   c) Spinner   d) Progress bar

9. To implement image slider, you need to inherit_____ class which extends PagerAdapter.
    a) ViewPager   b) Adapter   c) View   d) ViewGroup

10. Which property is used to put whitespace between widgets?
a) Android:padding   b) Android:digits   c) Android:capitalize   d) Android:autoText

11. Which files contains text values that can use in application?
    a) AndroidManifest.xml   b) Main.xml   c) string.xml   d) Layout.xml

12. The DalvikVM core libraries are a subset of
    a) Java ME   b) Java SE   c) Java EE   d) JAX-WS

13) The property that is used for formatting font is
    a) Color   b) typeface   c) ImageView   d) Mip Map

14) Which method is used to display items in list view?
    a) setItem()   b) setAdaptor()   c) Adaptor()   d) setAdaptorltem()

15 Which activity is called when Activity class is created?
    a) onStart b) onCreate c) onStop d) onResume

16 Which converts Java byte code into Dalvik byte code?
    a) Dalvik Converter   b) Dex Compiler c) Mobile Interpretive Compiler   d) None of the above

17 Manifest file contains
    a) Permissions
    b) Launcher activities
    c) Both permissions & launcher activities
    d) None of the above

18 What is true about R.java file?
    a) It is auto-generated file which contains resource IDs of all Resources.
    b) It is auto-generated file which contains configuration settings.
    c) It is auto-generated file which contains string objects.
    d) None of the above

19 ListView uses _____ classes which add the content from data source (such as string array, array, database etc.
    a) Array   b) Adapter   c) ArrayList   d) ListView

20 A scroll view contains _____ direct child only.
    a) Single   b) Only two   c) Both a) & b)   d) More than two

21 EditText uses _____ interface to watch change made over EditText.
    a) AutoCompleteTextView b) TextWatcher   c) SearchView   d) ListView

22 var result= (2^3); What is the value of result variable in dart?
    a) 1   b) 2   c) 3   d) 0

23 var res=(10>12) || (12<10); What is the value of res variable in dart?
    a) True b) False   c) Indeterminate   d) Depends on the editor

24 Which is not an invisible widget?

a) Scaffold   b) TextField   c) Row   d) Column

25 Which is a stateless widget?
    a) Text   b) Slider   c) Row   d) Column

26 AOT stands for _____
    a) Accrued of Time   b) Ahead of Temp   c) Ahead of Time   d) Accrued of Temp

27 Maps datatype is defined by using _____
    a) []   b) {}   c) ()   d) All of the above

28 In Named parameter, which of the following is true?
    a) Sequence of parameter does not matter
    b) Sequence of parameter matter.
    c) Sequence of parameter matter only for first parameter.
    d) None of the above

29 Which command-line tool is used to compile Dart into javascript?
    a) dart2js   b) darttojs   c) dartjs   d) none of the above

30 APK stands for -
    a) Android Phone Kit
    b) Android Page Kit
    c) Android Package Kit
    d) None of the above

Long & Short Questions.
1. What is R.java file?
2. Write a short note on Android Widgets(UI).
3. What is Spinner in Android? Explain with example.
4. Explain AndroidManifest in detail.
5. Explain alert dialog boxes of android.
6. Explain ListView in detail.
7. Explain DatePicker in detail.
8. Explain TimePicker in detail.
9. What do you mean by Progressbar?
10. Write a short note on SearchView.
11. What is Adapter in Android? Explain different types of Adapter.
12. What is AutoCompleteTextView?
13. What is ImageSlider?
14. Explain Horizontal & Vertical Scrollview.
15. Explain TabLayout with example.
16. What is FrameLayout? Explain in detail.
17. Explain Dart function in detail.

18. How to execute Dart Basic Code?
19. Explain Identifiers, datatypes, variables and Comments in Dart.
20. Explain function in Dart.
21. Explain Iterative statements in Dart.
22. Explain stateful and stateless widget in detail.
23. Explain features of Flutter in detail.
24. Explain flutter charts in detail
25. Explain features of Dart in detail.
26. Explain any three Flutter widget in detail.
27. What is pubspec.yaml & .lib file?
28. Explain Flutter Architecture.
29. Explain types of flutter widgets.
30. What is the difference between single child widget and multiple child widgets?
31. Explain visible widgets in flutter.
32. Explain invisible widgets in flutter.
33. Explain TextField in flutter.
34. What is Toast in Flutter? Write steps to implement toast.
35. What is tooltip in flutter?
36. What is Stack in flutter?
37. Explain List in flutter.
38. What is Slider in flutter?