

**2111000104050003**  
**Second Year B.C.A (Sem) - IV**  
**Examination April -2023**  
**Mobile Application Development-II**

**Seat No:**

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**[Time: Three Hours]**

**[Max. Marks:70]**

**Instructions**

1. All questions are compulsory.
2. Figure to the right indicate full marks.
3. Mention your options clearly.

**Student's Signature**

**Q.1 Answer the following question**

**[14]**

1. \_\_\_\_\_ shows the Alert message and gives the answer in the form of yes or no.

1. Spinner      2. ListView      3. Timer      4. AlertDialog

2. RadioButton is generally used with \_\_\_\_\_?

1. RadioButtons      2. SelectionGroup      3. RadioGroup      4. ObjectGroup

3. Which of the following is necessary element to setup launcher Activity?

1. Action      2. Category      3. intent-filter      4. Application

4. Which of the following is not a datatype in Dart?

1. Character      2. Boolean      3. Map      4. List

5. Online Dart editor is also known as \_\_\_\_\_

1. Dart compiler      2. Dart pad      3. Dart JVM      4. Dart AOT

6. What is contained in manifest.xml?

1. Source code
2. List of strings used in the app
3. Permission that the application requires
4. 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");
}
```

1. name is easy      2. \$name is easy      3. is easy      4. Flutter is easy

8. The \_\_\_\_\_ view provides visual feedback about some ongoing tasks, such as performing a task in a background.  
1. Image Button      2. Toggle Button      3. Spinner      4. Progress bar
9. To implement image slider, you need to inherit \_\_\_\_\_ class which extends PagerAdapter.  
1. ViewPager      2. Adapter      3. View      4. ViewGroup
10. Which property is used to put whitespace between widgets?  
1. Android:padding      2. Android:digits      3. Android:capitalize      4. Android:autoText
11. Which files contains text values that can use in application?  
1. AndroidManifest.xml      2. Main.xml      3. string.xml      4. Layout.xml
12. The DalvikVM core libraries are a subset of  
1. Java ME      2. Java SE      3. Java EE      4. JAX-WS
13. The property that is used for formatting font is  
1. Color      2. typeface      3. ImageView      4. Mip Map
14. Which method is used to display items in list view?  
1. setItem()      2. setAdaptor()      3. Adaptor()      4. setAdaptorItem()

**Q.2      Attempt Following Questions [Any Two]      [14]**

1. Explain stateful and Stateless widget in detail.
2. Explain Dart function in detail.
3. Explain Android Manifest in detail.

**Q.3      Attempt Following Questions in detail [Any Two]      [14]**

1. Explain features of Flutter in detail.
2. Explain alert dialog boxes of android.
3. Explain flutter charts in detail.

**Q.4      Attempt Following Questions [Any Two]      [14]**

1. Explain ListView in detail.
2. Explain ImageSlider in detail.
3. Explain Spinner in detail.

**Q.5 Write a Short Note on the following [Any Two]**

**[14]**

1. Explain features of Dart in detail.
2. Explain DatePicker in detail.
3. Explain any three. Flutter widget in detail.