**ENROLL.NO:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**SCHOOL OF ENGINEERING**

**TCIE II (APRIL - 2023)**

**Semester – 6**

Date:

Branch: BCA Program: BCA

Subject Name:Mobile Application Development using Android Subject code: BCA622

## Time: 1 Hour & 30 Minutes Total Marks: 40

Instructions:

1. Attempt all the questions.
2. Answer to the point and draw neat sketches where necessary.
3. Figure to the right represents maximum marks for the question.
4. Assume suitable data if necessary, highlighting assumptions made.

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| (Q:1A) | Answer the followings: (Attempt any six each of one mark) | [6-MARKS] |
|  | 1. Context and Options are types of \_\_\_\_\_\_ in Android.  2. \_\_\_\_\_\_ property of layout allows us to arrange the widgets horizontally or vertically.  3. \_\_\_\_\_\_\_ method is used to save the data in sharedpreference.  4. Scroll view can hold only 1 child component. (True/False)  5. In Recyclerview, we did not require to use scrollview because data can automatically scrolled. (True/False)  6. Does Android support other languages than Java? (Yes/No)  7. AlertDialog box can have both positive or negative button. (True/False)  8. List out any 5 layouts in Android. |  |
| (Q:1B) | Answer the followings: (Attempt any five each of two marks) | [10-MARKS] |
|  | 1. List out various versions of android.  2. Why use Adapter in android explain with example. with example.  3. Define Linear Layout with example.  4. What are need of gradle and manifest file in android.  5. Define the usage of getApplicationContext() method with example.  6. Explain Networking API.  7. Explain web view with example. |  |
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| (Q:2) | Answer the following. | [16-MARKS] |
|  | 1. Demonstrate relative layout with suitable example.  2. Explain service life cycle.  3. Write steps to publish an android application.  4. Differentiate JSON and XML. |  |
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| (Q:3) | Answer the following. | [8-MARKS] |
|  | What are the use of SQLite and SharedPreference ? Which one is open source ? What are the use of DatabaseHelper class and Sharedpreference ? |  |

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