

2311000605030002
EXAMINATION NOVEMBER 2024
BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)
(MASTER OF SCIENCE (INFORMATION TECHNOLOGY) 5
YEAR INTEGRATED COURSE) (FIFTH SEMESTER)
MOBILE APPLICATION DEVELOPMENT - LEVEL 3

[Time: As Per Schedule]

[Max. Marks: 70]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination: **BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY) (MASTER OF SCIENCE (INFORMATION TECHNOLOGY) 5 YEAR INTEGRATED COURSE) (FIFTH SEMESTER)**
 - b. Name of the Subject: **MOBILE APPLICATION DEVELOPMENT - LEVEL 3**
 - c. Subject Code No: **2311000605030002**
2. Sketch neat and labelled diagram wherever necessary.
 3. Figures to the right indicate full marks of the question.
 4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Answer the following questions in Short.

14

1. What is an Array List?
2. What is the importance of Android Manifest file?
3. What is constructor? how to create constructor in kotlin?
4. Write permission required to work with Location in android
5. Differentiate between Activity and Service.
6. What is lambda expression?
7. What is Toast?

Q.2 Answer the following: (Any two)

14

1. Draw the diagram and explain Android Activity Life Cycle in detail.
2. Explain about spinner with proper example.
3. What is the use of Content Provider? Write steps to implement it

Q.3 Answer the following: (Any two) 14

1. What is Inheritance? Explain different types of inheritance with example
2. Explain Android architecture with proper diagram.
3. What is Dialog? List different types of dialogs. Discuss AlertDialog with example.

Q.4 Answer the following: (Any two) 14

1. What is Intent? Explain the use of explicit intent to transmit data between activities with appropriate example.
2. What are Shared Preferences? Explain the concept of it with appropriate example.
3. Write a code to insert Employee Details (Eid, Ename, Designation) in SQLite database using Android App.

Q.5 Answer the following: (Any two) 14

1. Define Animation. Explain Tween animation with example.
2. Write steps to publish an Android Application on Google Play Store.
3. What is menu? List out different menus available in android. Explain Context Menu by giving a suitable example.
